PS-FL7 II

SERVICE MANUAL

US Model
Canadian Model
AEP Model

SPECIFICATIONS

Turntable

Platter	29 cm (11 1/2 in.), aluminum-alloy diecast
Motor	BSL (brushless and slotless) motor
Drive system	Direct drive
Control system	Quartz lock control system
Speed	33 1/3 rpm, 45 rpm
Wow and flutter	0.03% (WRMS)*, 0.035% (WRMS) ±0.045% (DIN)
Signal-to-noise ratio	75 dB (DIN-B)
Automatic system	Lead-in, return, reject, repeat, tonearm up/down, record size selection
Load characteristics	0% up to 1.5g tracking force (at lead-in groove of a record)
Speed deviation	Within ±0.003%

Tonearm

Type	Linear tracking tonearm
Pivot-to-stylus length	75 mm (3 in.)
Tracking error	±0.1°
Tracking force adjustment range	1.25 ±0.25 g
Cartridge	plug-in type, 6 g

Cartridge (XL-300G for AEP model, VL-45G for US, Canadian model)

Type	Moving magnet type
Frequency response	20 Hz to 20 kHz
Output voltage	AEP model: 3mV at 1 kHz, 5 cm/sec. 45°
	US, Canadian model: 3.5 mV at 1 kHz, 5 cm/sec. 45°
Load impedance	50 to 100 kilohms
Tracking force	1.0 to 1.5 g (1.25 g recommended)
Stylus	AEP model: Sony ND-300G
	US, Canadian model: Sony ND-145G
Weight	6 g

General

Power requirements	AEP model: 220 V ac (or 240 V ac adjustable by authorized Sony personnel), 50/60 Hz
	US, Canadian model: 120 V ac, 60 Hz
Power consumption	10 W
Dimensions	Approx. 430 × 96 × 382 mm (w/h/d) (17 × 3 7/8 × 15 1/8 in.) including projecting parts and controls
Weight	Approx. 7.5 kg (16 lbs 9 oz), net
	Approx. 9.3 kg (20 lbs 8 oz), in shipping carton

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFIÉS PAR UNE TRAME ET UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY SHADING AND MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

MICROFILM

STEREO TURNTABLE SYSTEM

SONY®

AUD

SAFETY CHECK-OUT (US Model)

After correcting the original service problem, perform the following safety check before releasing the set to the customer:
Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

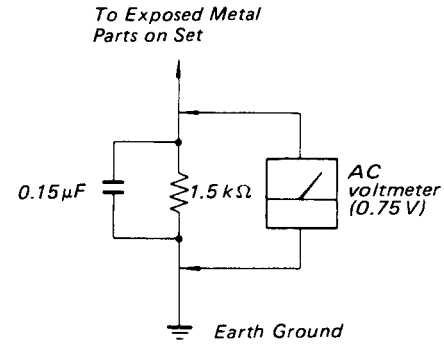
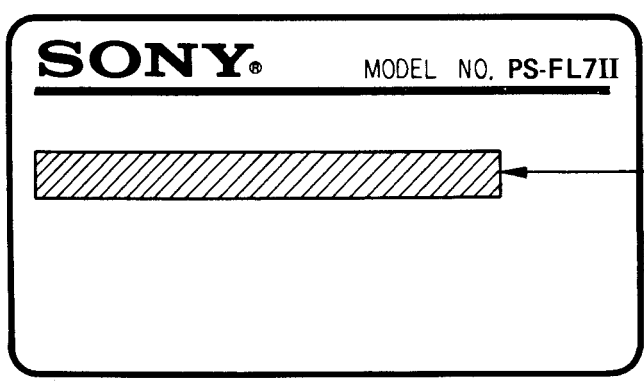


Fig. A. Using an AC voltmeter to check AC leakage.

MODEL IDENTIFICATION

Specification Label



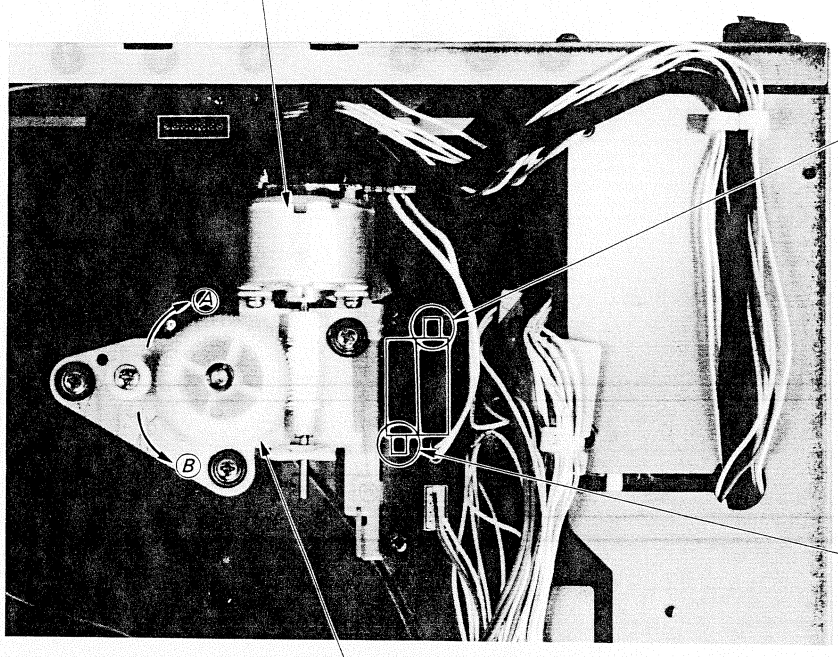
US, Canadian model: AC: 120V ~ 60Hz 10W
AEP model: AC: 220V ~ 50/60Hz 10W

NOTES ON REPAIR

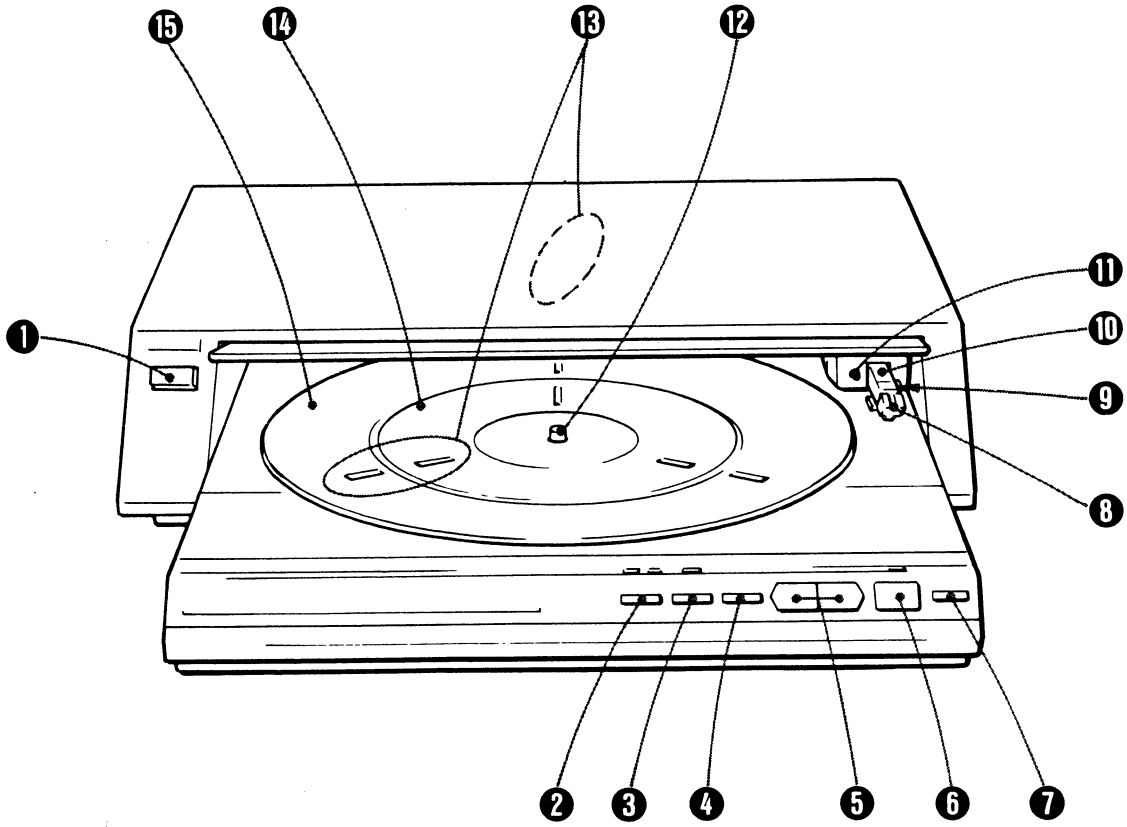
— When removing the bottom plate —

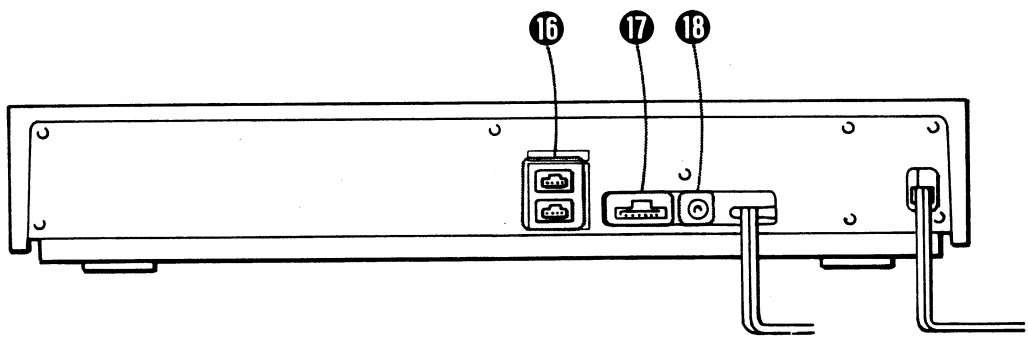
- When POWER switch (S401) turns ON with bottom plate removed, loading motor (M701) continues to rotate and does not stop. But, it is not broken.

1. When POWER switch (S401) turns ON with TABLE END switch (S701 or S702) pressed, loading motor (M701) does not rotate.
2. When TABLE END switch (S701 or S702) is pressed according to the rotating direction of loading motor (M701), the motor stops even if the motor is rotating (See the figure below).
3. System control IC checks the condition of TABLE END switch by pressing ARM TRANSPORT (◁ , ▷), ARM LIFTER (▼ , ▼), START/STOP button.
   When operation buttons are pressed, be sure to keep TABLE END switch (S701 or S702) pressed. If not, key input can not be found.


loading motor (M701)
When worm wheel (A) is rotating in the direction of Ⓑ, press S702 (close end det).
When worm wheel (A) is rotating in the direction of Ⓐ, press S701 (open end det).
worm wheel (A)

SECTION 1
OUTLINE





1-1. LOCATION AND FUNCTION OF CONTROLS

Each number in the text is keyed to that of the illustration on page 4.
The illustration shows the assembled turntable.

❶ POWER switch
Press to turn on the power. To turn the power off, press it again.

❷ SPEED selector and indicators
Press this button when a 45 rpm record is to be played.
Press it again for a 33⅓ rpm record. Corresponding indicator lights up.

❸ REPEAT button and indicator
Press this button to repeat play. The indicator lights up. To cancel the repeat play, press this button again.

❹ ▼ ▼ ARM LIFTER button
This button lifts and lowers the tonearm. When the tonearm is lowered, the turntable starts rotating.

❺ ARM TRANSPORT buttons
To move the tonearm inward, press the ⇦ button, and to move outward, the ⇨ button . The tonearm is raised and continues to move while the button is pressed. The tonearm will stop when the button is released. For fine adjustments, press and immediately release the appropriate button.

❻ START/STOP button and indicator
Press to start the record playing. To stop during play, press it again.

❼ OPEN/CLOSE button
With one touch of this button the turntable module automatically opens for loading a record. With another touch the module automatically closes.

❽ Cartridge

❾ Cartridge locking screw

❿ Tonearm

⓫ Tonearm position indicator

⓬ Center spindle

⓭ Auto-record-size selection holes and LEDs

⓮ Rubber mat

⓯ Turntable

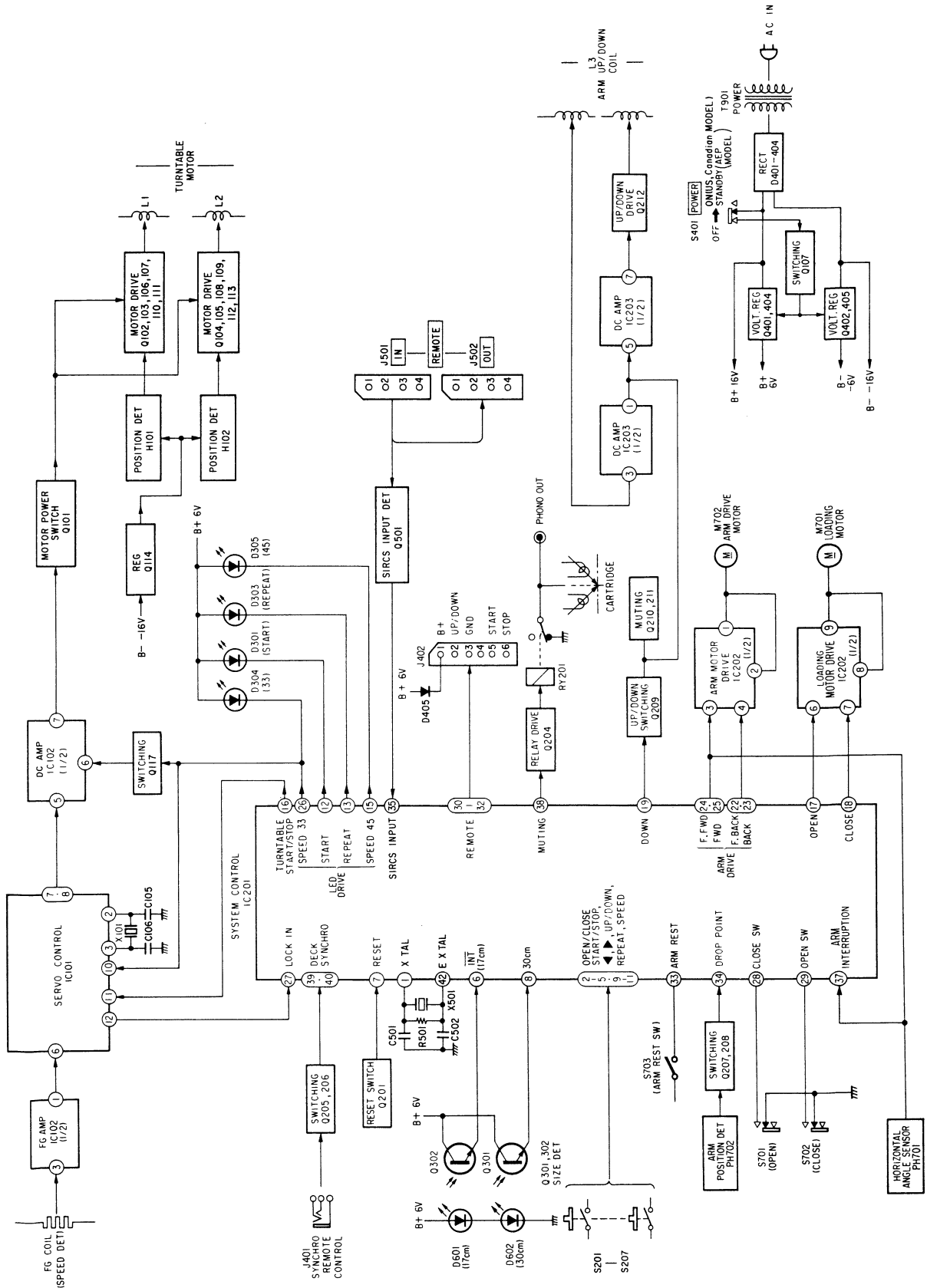
Rear panel

⓰ CONTROL S connectors (4-pin)
OUT: Connect to the CONTROL S IN or 🅁 REMOTE IN connector of other Sony audio equipment with the supplied flat 4-pin remote control cord for remote control of the total audio system.
IN: Connect to the CONTROL S OUT or 🅁 REMOTE OUT connector of an optional Sony system control tuner or receiver for remote control of the total audio system.

⓱ REMOTE control connector (6-pin)
Connect to the PHONO connector of the optional Sony RM-S410 or RM-44 system remote controller for remote control operation. When the RM-44 or RM-S410 is connected to the REMOTE connector, do not connect audio equipment to the CONTROL S connector. This will cause malfunction of the remote control system function.

⓲ SYNC jack
Connect a Sony cassette deck equipped with a flat 3-pin synchro remote control connector here for synchronized play.

1-2. BLOCK DIAGRAM

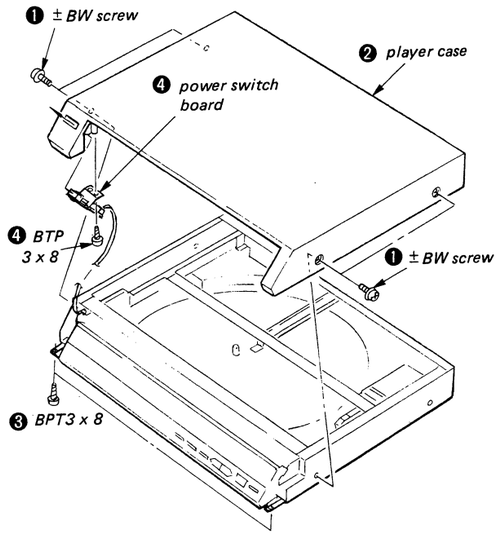


SECTION 2
DISASSEMBLY

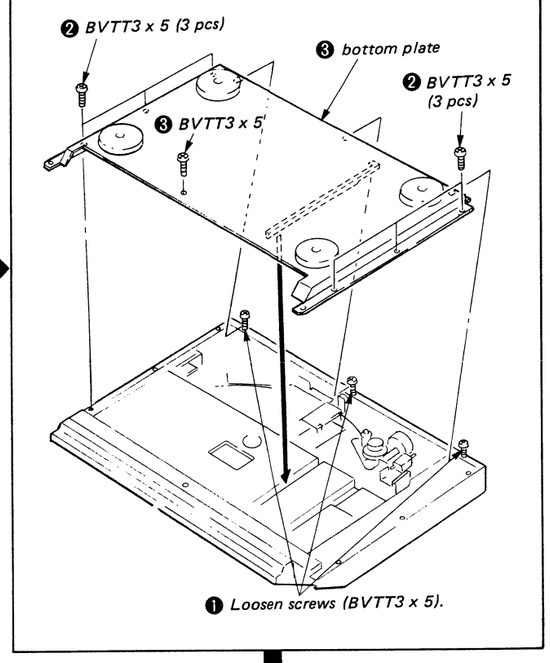
2-1. REMOVAL

Note: Follow the disassembly procedure in the numerical order given.

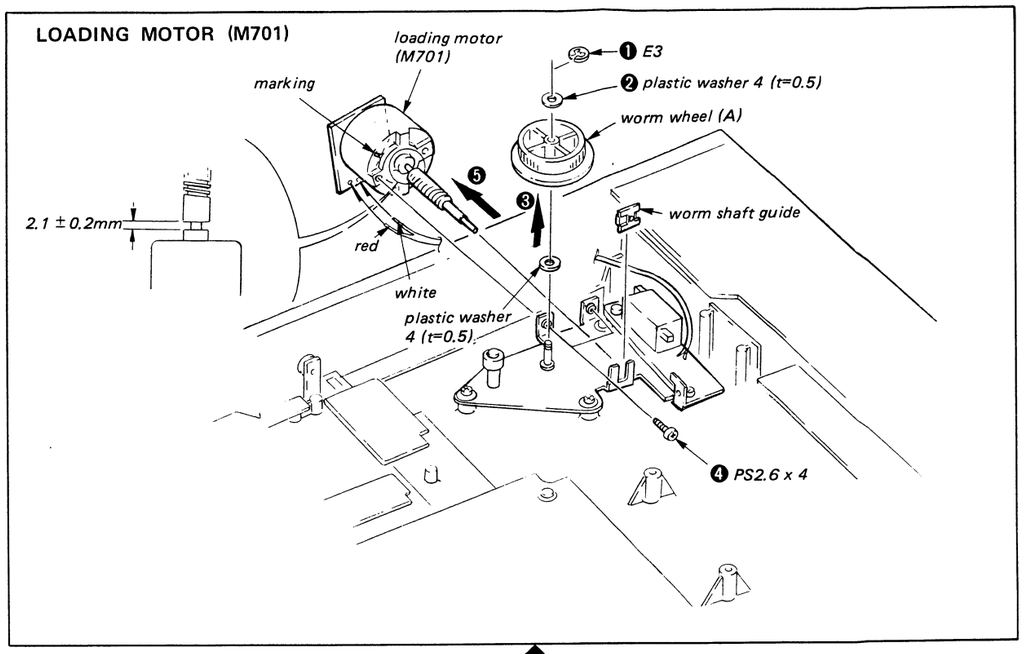
PLAYER CASE



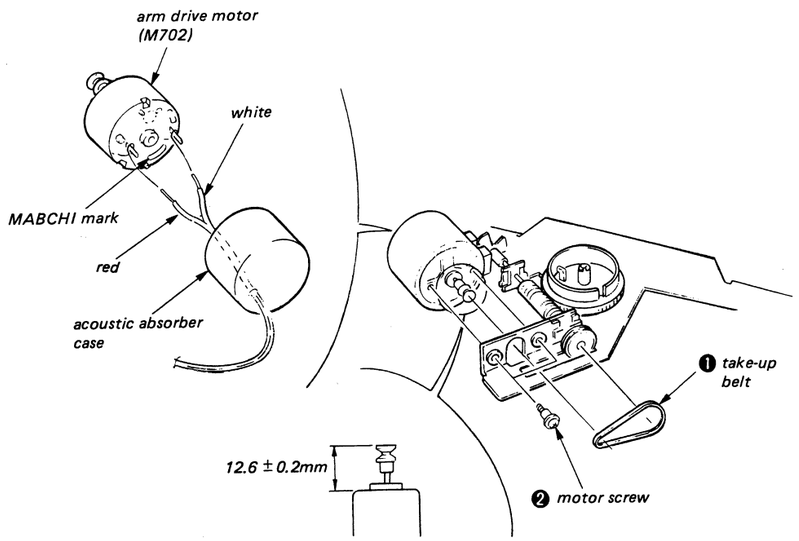
BOTTOM PLATE



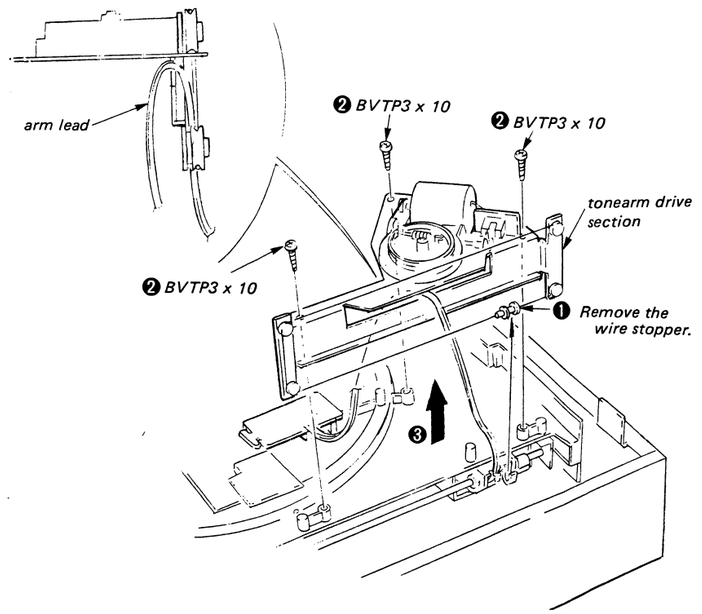
LOADING MOTOR (M701)



ARM DRIVE MOTOR (M702)

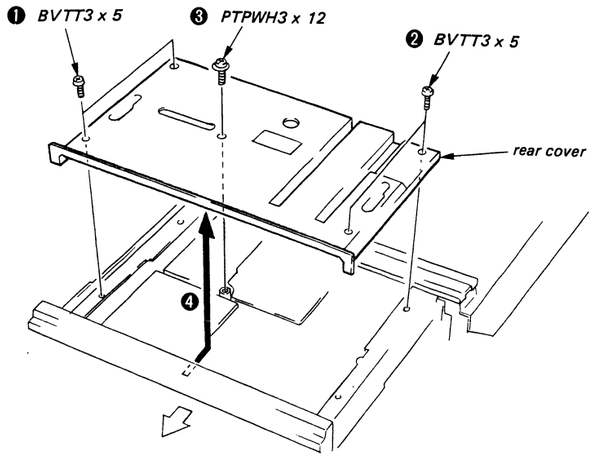


TONEARM DRIVE SECTION

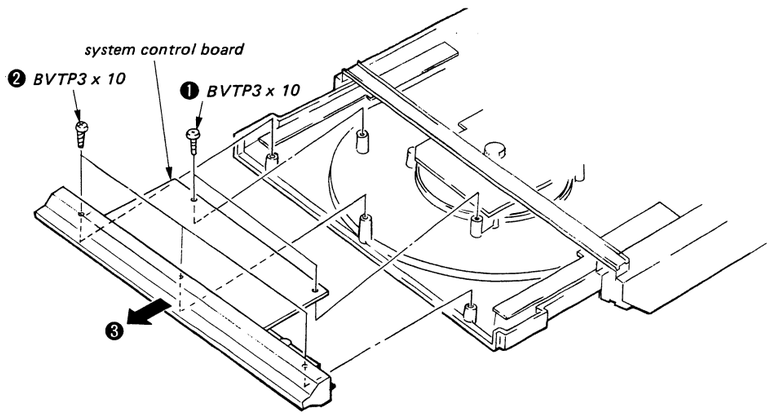


TONEARM DRIVE CORD STRINGING (See page 14.)

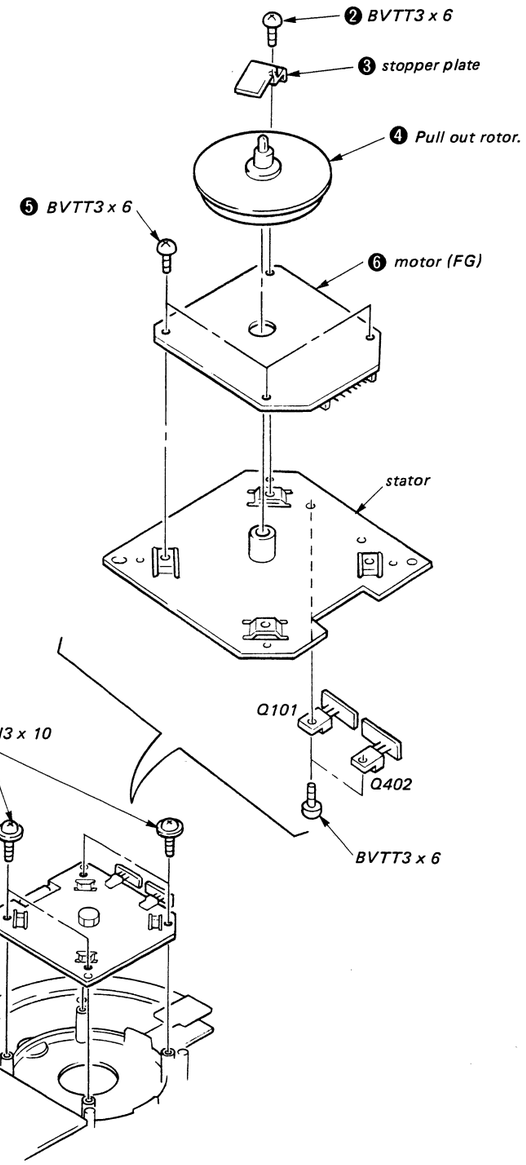
REAR COVER



CONTROL PANEL/SYSTEM CONTROL BOARD

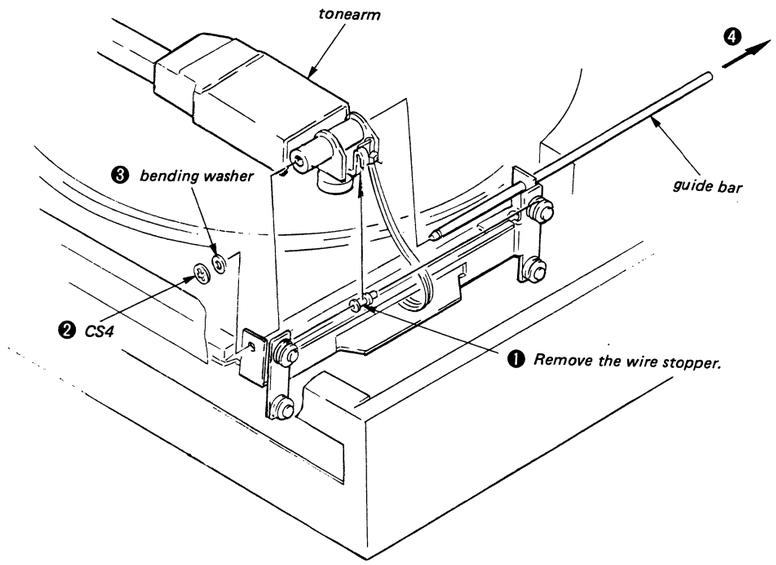


ROTOR/STATOR/MOTOR (FG)



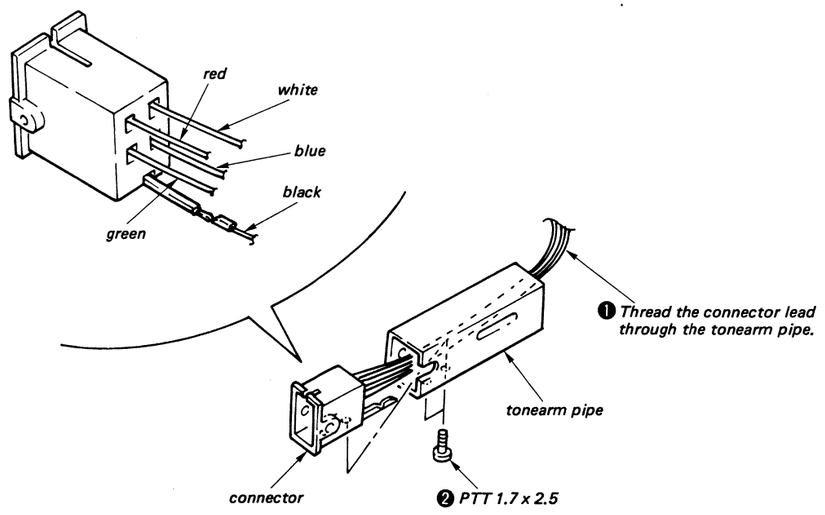
Remove the player case (See page 7.).

TONEARM

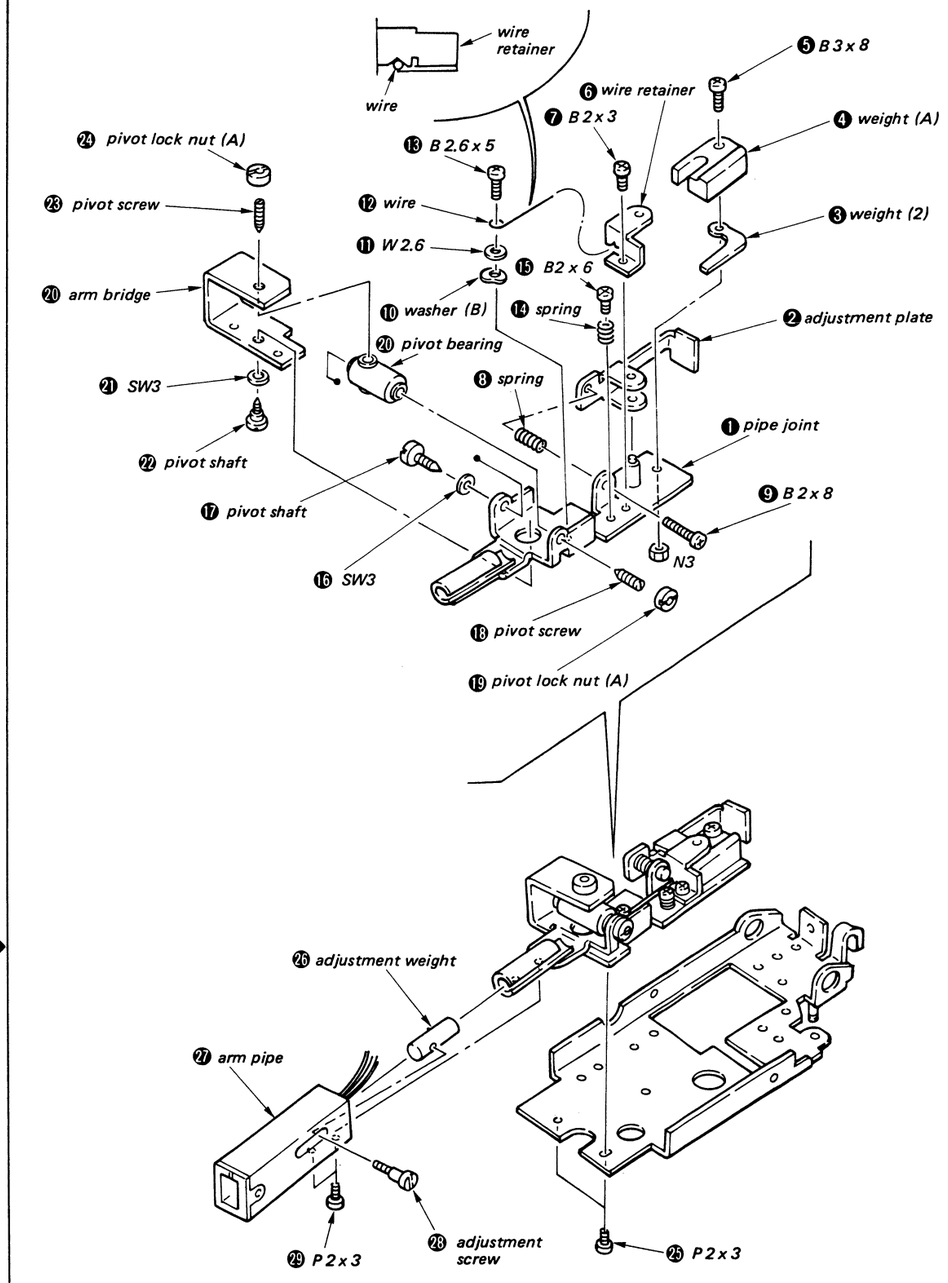


2-2. TONEARM ASSEMBLING

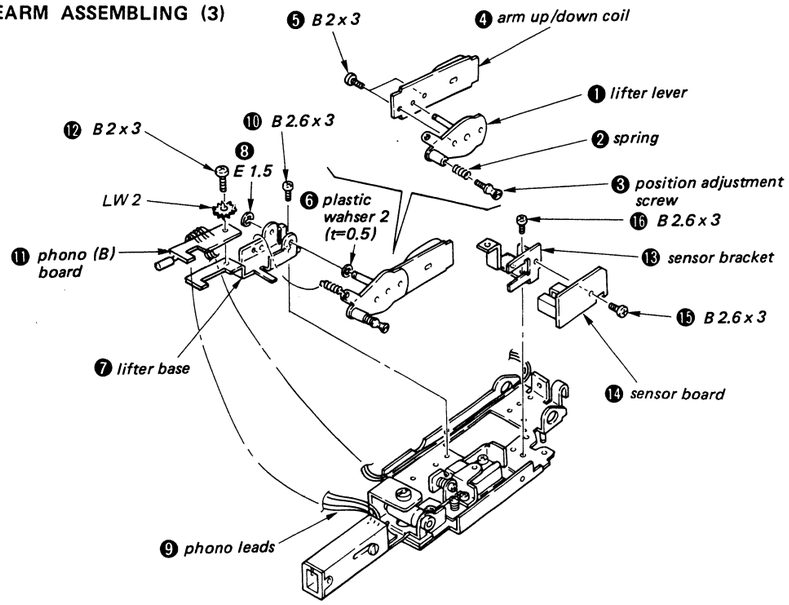
TONEARM ASSEMBLING (1)



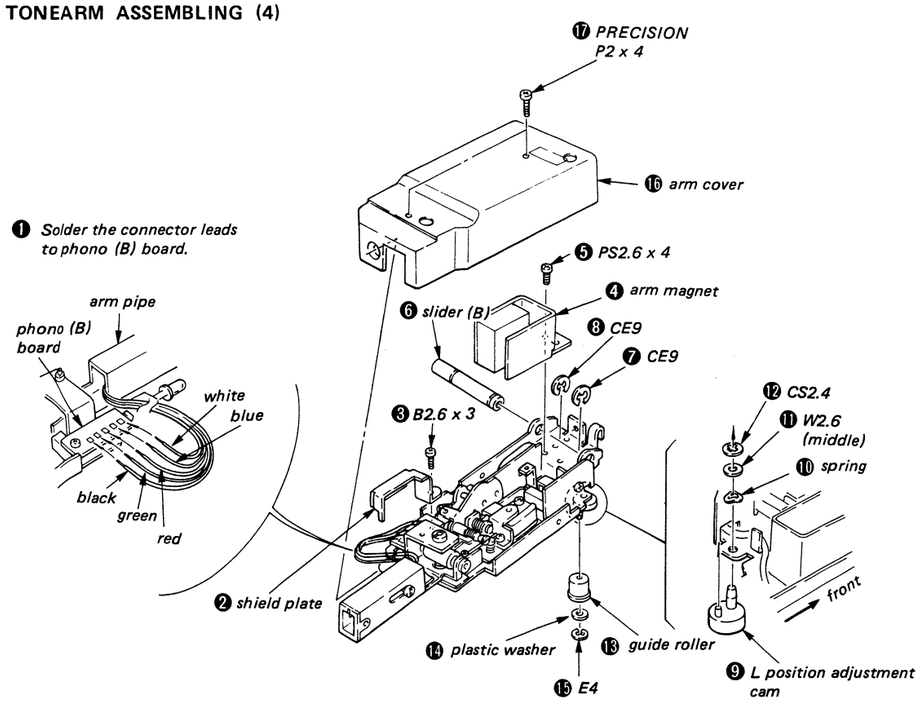
TONEARM ASSEMBLING (2)



TONEARM ASSEMBLING (3)

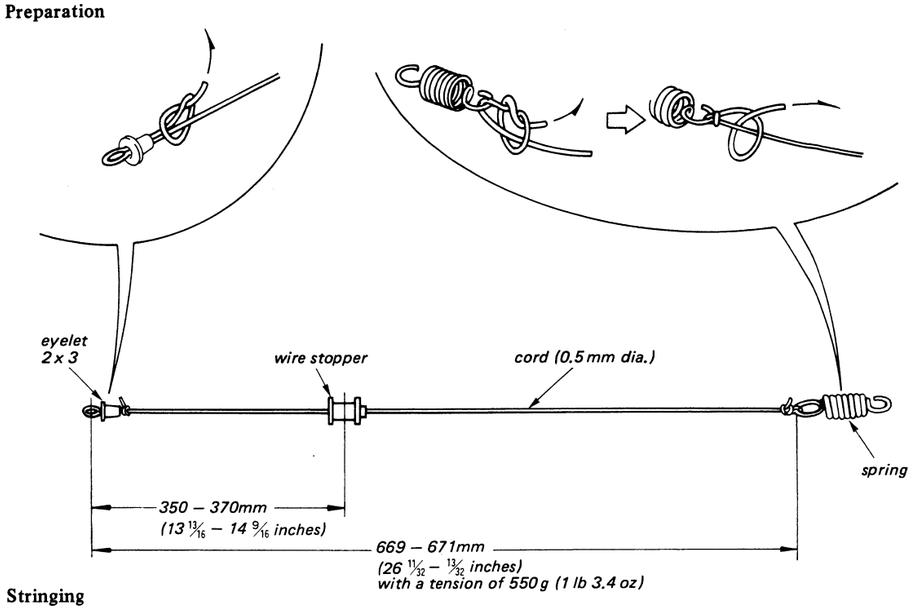


TONEARM ASSEMBLING (4)

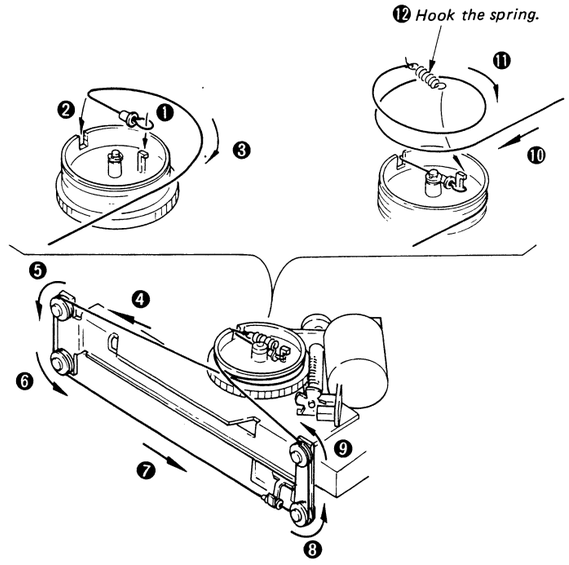


2-3. TONEARM DRIVE CORD STRINGING

(1) Preparation



(2) Stringing

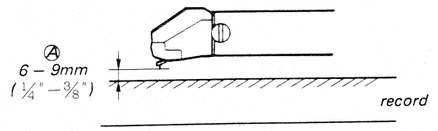


SECTION 3
ADJUSTMENTS

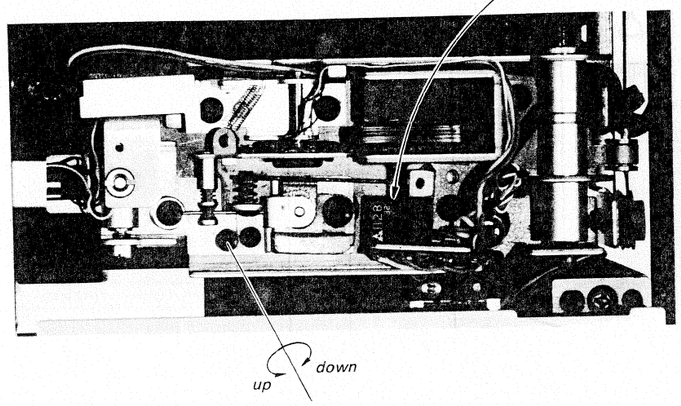
3-1. MECHANICAL ADJUSTMENTS

Stylus Height Adjustment

1. Put a record.
2. Press ARM TRANSPORT button (◀) and move the arm outside the record.
3. Make sure that clearance Ⓐ is 6 – 9 mm (¼ – ⅜ inches). If necessary, adjust the stylus height adjustment screw.

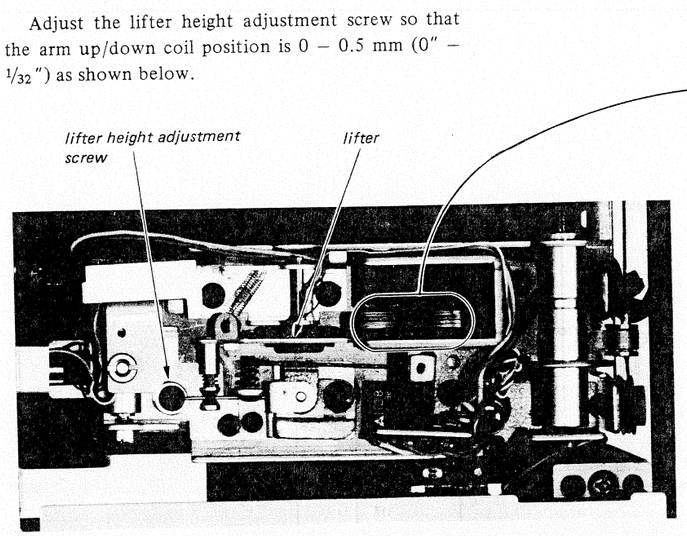


GENERAL NOTE:
Do not let a strong light get in the groove of photo interrupter during mechanical adjustment. Otherwise, misoperation of stoppage or moving may occur to the tonearm base.



Lifter Height Adjustment

Adjust the lifter height adjustment screw so that the arm up/down coil position is 0 – 0.5 mm (0" – 1/32") as shown below.



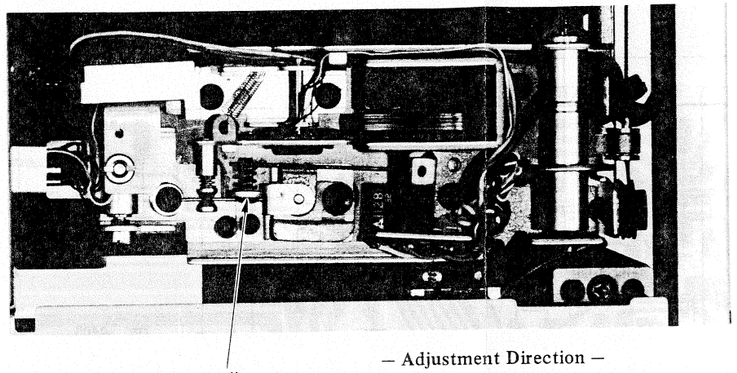
Tracking Error Adjustment

(1) Place a test record (YFSC-16) on the turntable and press the START/STOP button for lead-in.

(2) Adjust with the adjustment screw so that the tonearm base does not move just after the tonearm goes down.

(3) After completing step (2), cause the tonearm to lead in, and then go UP after the tonearm base moves.

(4) Check the count at this time, and then check that the difference in count when the tonearm goes down again is within 0 to –2 counts.



– Adjustment Direction –

For (2) when the arm base moves, turn to the right.

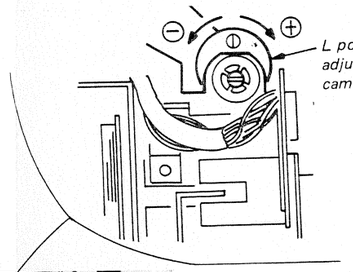
For (4) when the difference in count is too large, turn to the left.

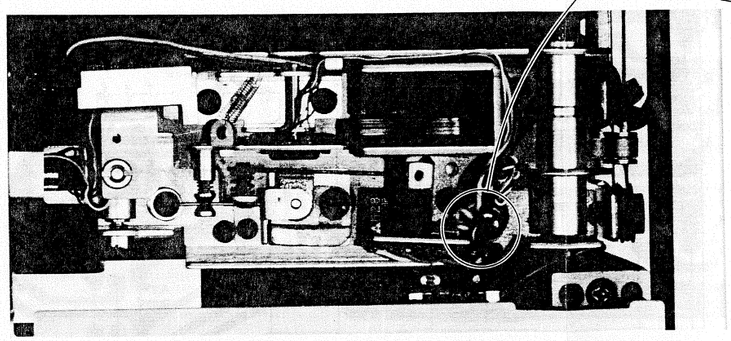
Drop Point (30 cm) Adjustment

(1) Place a test record (YFSC-16) on the turntable and press the START/STOP button for lead-in.

(2) Adjust the L position adjustment cam so that the drop point at this time is within the specification.

Specification: 11 – 15 counts





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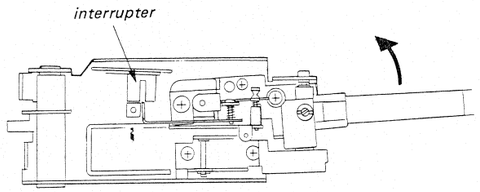
3-2. ELECTRICAL ADJUSTMENTS

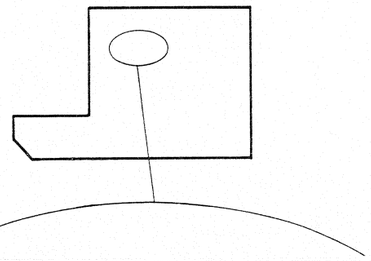
Arm Interrupter Adjustment

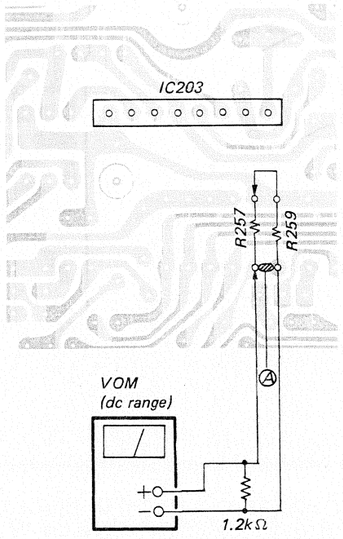
1. If the pattern Ⓐ is soldered, unsolder the pattern Ⓐ.
2. Set the arm fully rightward.
   (Be sure that the interrupter for tracking error detection is fully opened.)



3. Read the voltage on the VOM. If the reading is more than 0.6V, solder the pattern Ⓐ.

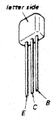
Adjustment Location: system control board



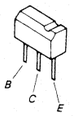


- Semiconductor Lead Layouts

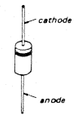
2SA1175



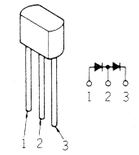
DTA114EF



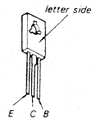
10E-2



MC931



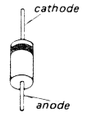
2SB941-R
2SD414-R
2SD1266-Q



PH101

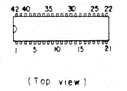
1SS119

RD6.8EL1
RD7.5EL2



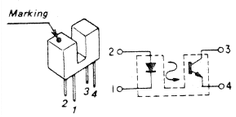
2SB1014

LM6402G-575



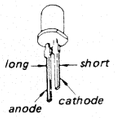
EAA5638S
EBG5638S
PR5628S

ON1128

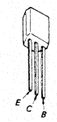


M5218L

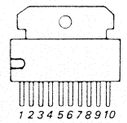
GL-5HY5



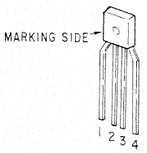
2SC2603F
DTA124ES
DTC114ES
DTC124ES



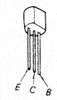
TA7256P



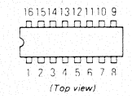
HW-300B



2SD1388

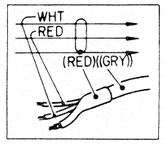


TC9142P



• See page 18 for semiconductor lead layouts

Note:
• Color code of sleeving over the end of the jacket.



• ■ : part mounted on the conductor side.
• ○— : parts extracted from the component side.
• ●— : parts extracted from the conductor side.
• ▒ : B + pattern

【PHONO(B)BOARD】
【SENSOR BOARD】
(ARM DRIVE COIL)
【REMOTE CONTROL BOARD】
【SIRCS BOARD】
【POWER SW BOARD】
【SIZE DETECTION BOARD】【RECORD SENSOR BOARD】
【RELAY BOARD】
【INTERRUPTER(B)BOARD】
【SW BOARD】
【DC MOTOR BOARD】
【LED(A) BOARD】
【LED(B) BOARD】

【POWER SW BOARD】

【POWER SUPPLY BOARD】

【SYSTEM CONTROL BOARD】

【FG BOARD】

US, Canadian MODEL

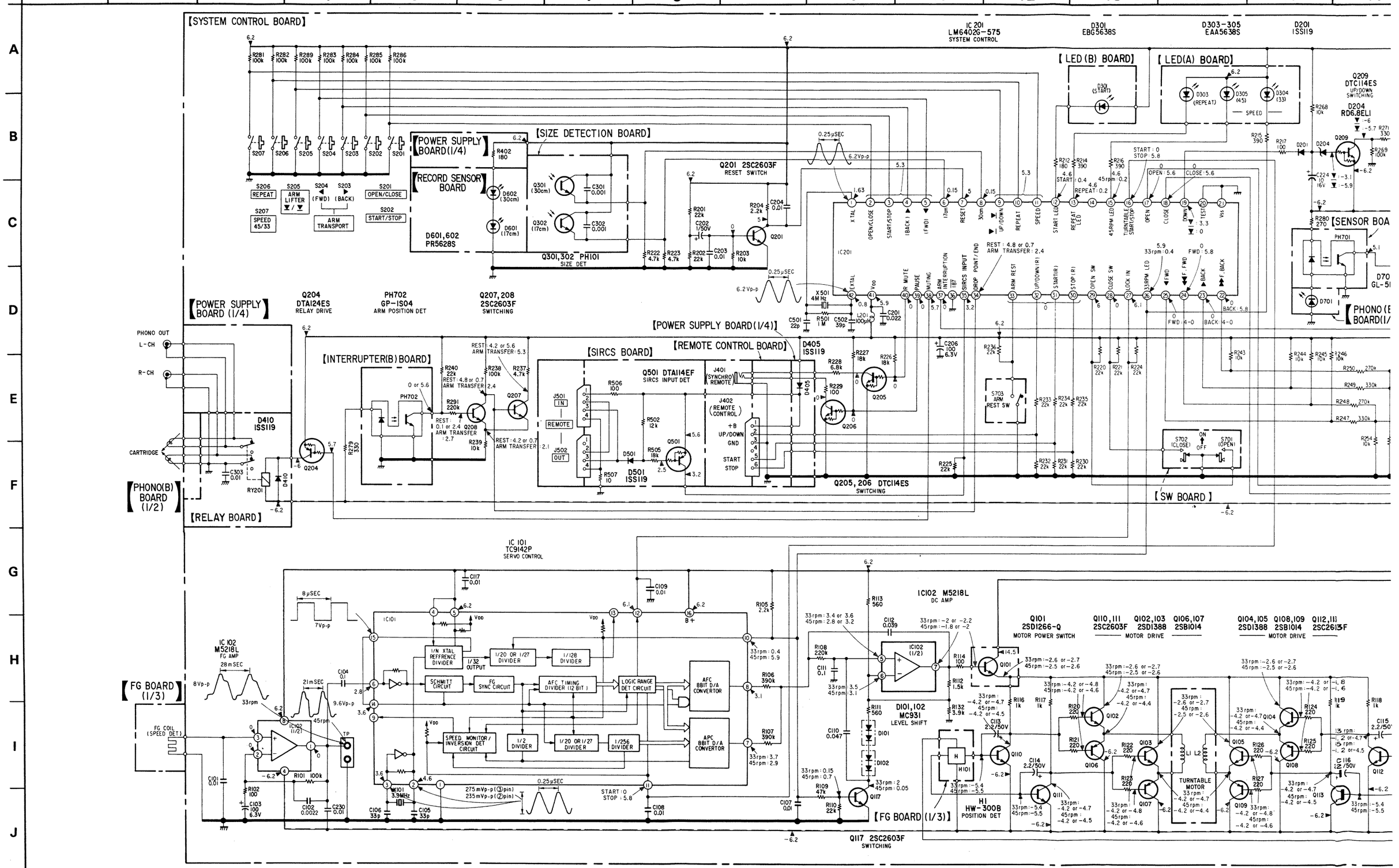
AEP MODEL

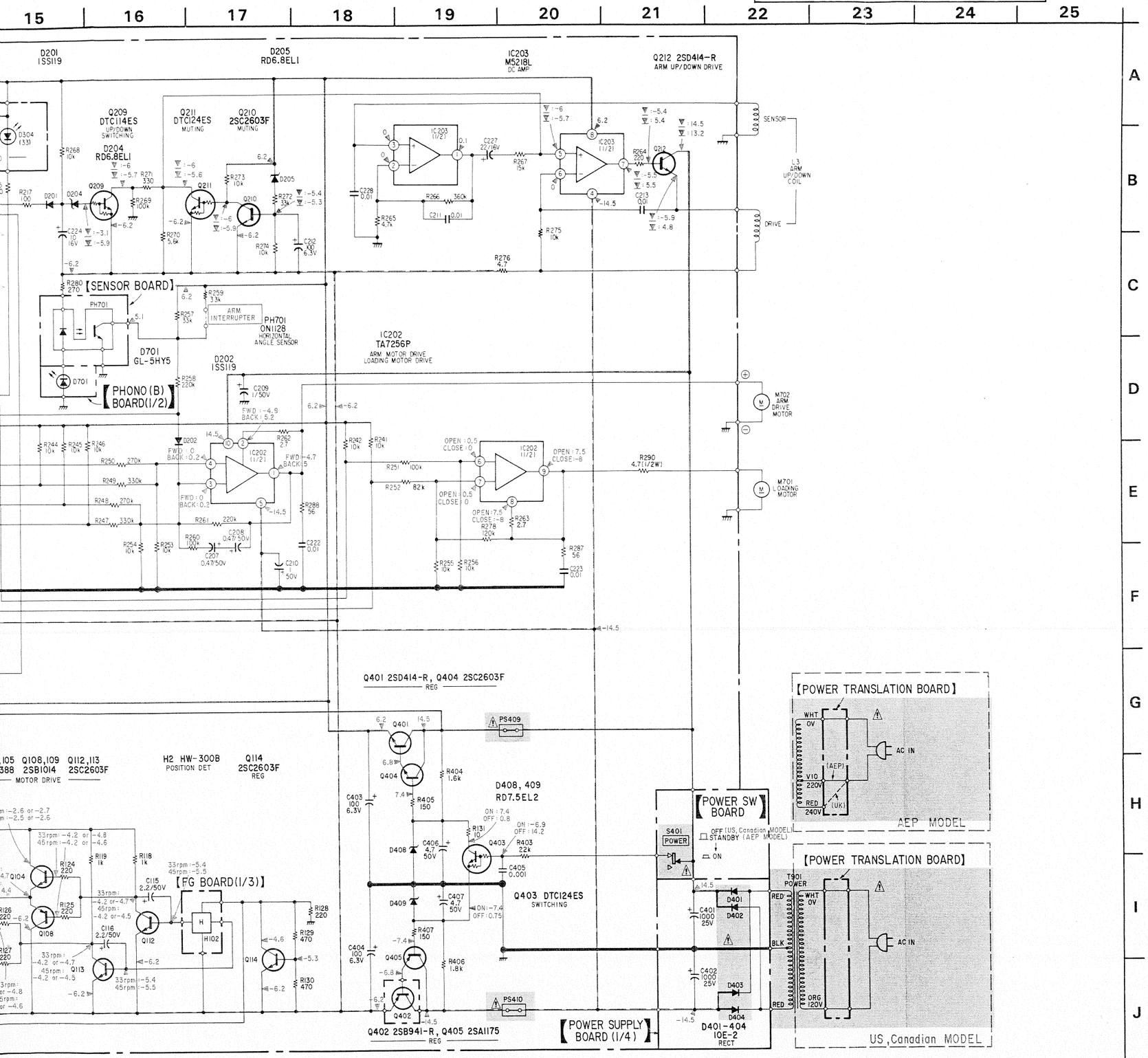
【POWER TRANSLATION BOARD】

【POWER TRANSLATION BOARD】

IC , Q	D
402	
	205
210	
IC203 211	
	204
209	
212	
405	
401 404	201
	409 408
204	
	202
114	
206 IC202	
205 111	
113	
109 110 106	
107 108 112	
IC201	
105 103	
102 104	
101	
201 IC102	
IC101	
117	
	102 101

4-2. SCHEMATIC DIAGRAM





—25—

Note:

- All capacitors are in μF unless otherwise noted. pF: μμF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- ▭ : B+ bus.
- ▭ : B− bus.
- ▭ : adjustment for repair.
- Voltages are dc with respect to ground unless otherwise noted.
- Readings are taken under no-signal conditions with a VOM (50 kΩ/V).
  no mark : STOP
  ▽ : When tonearm lifts on manual play.
  ▽ : When tonearm lowers on manual play.
- Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken to ground in no signal mode by using oscilloscope.
  Voltage variations may be noted due to normal production tolerances.
- Switches

Ref. No.	Switch	Position
S201	OPEN/CLOSE	—
S202	START/STOP	—
S203	▶ (BACK)	OFF
S204	◀ (FWD)	OFF
S205	ARM LIFTER	—
S206	REPEAT	OFF
S207	SPEED	—
S401	POWER	OFF
S701	OPEN	OFF
S702	CLOSE	OFF
S703	ARM REST SW	OFF

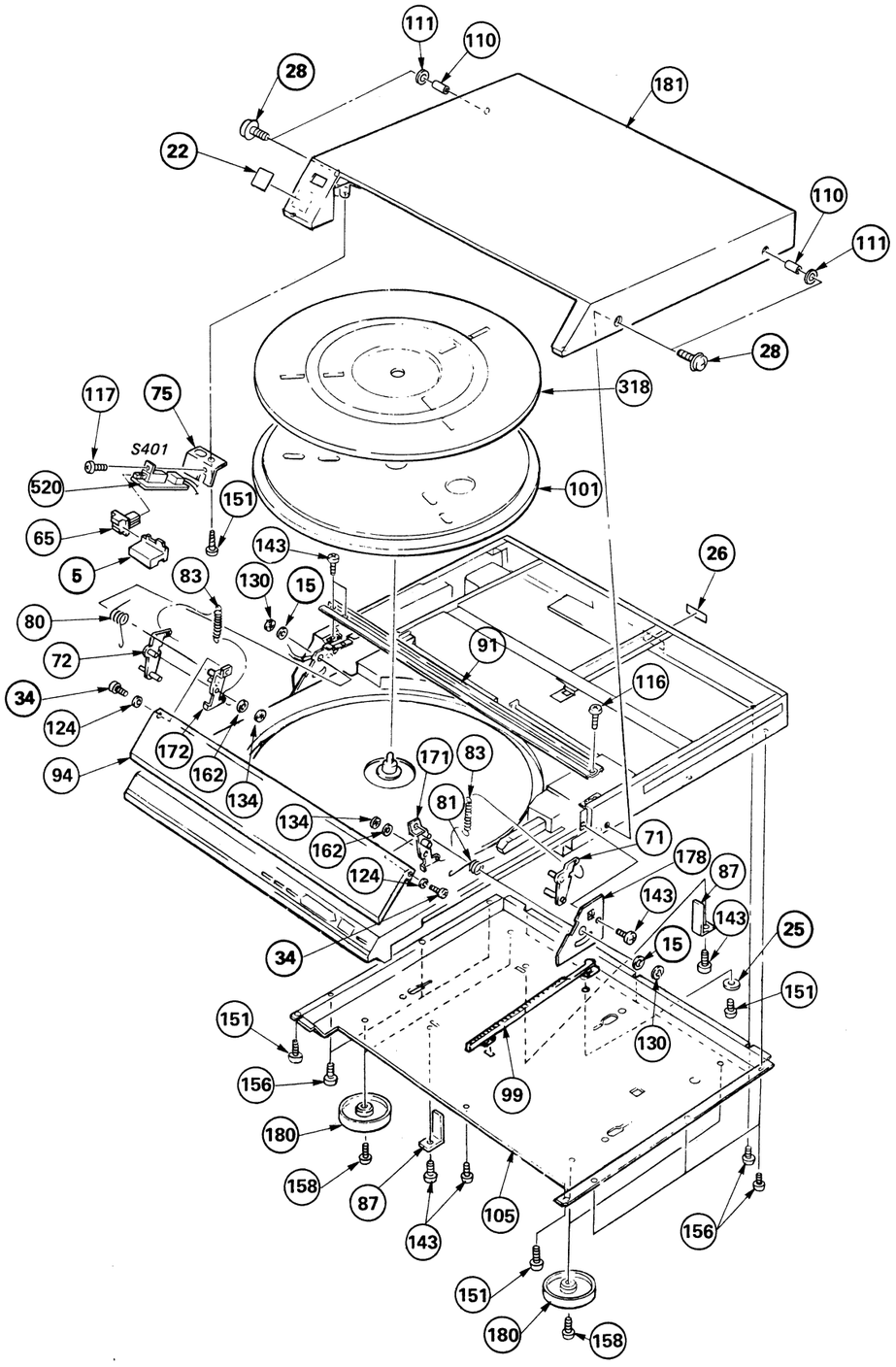
Note: The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par une trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

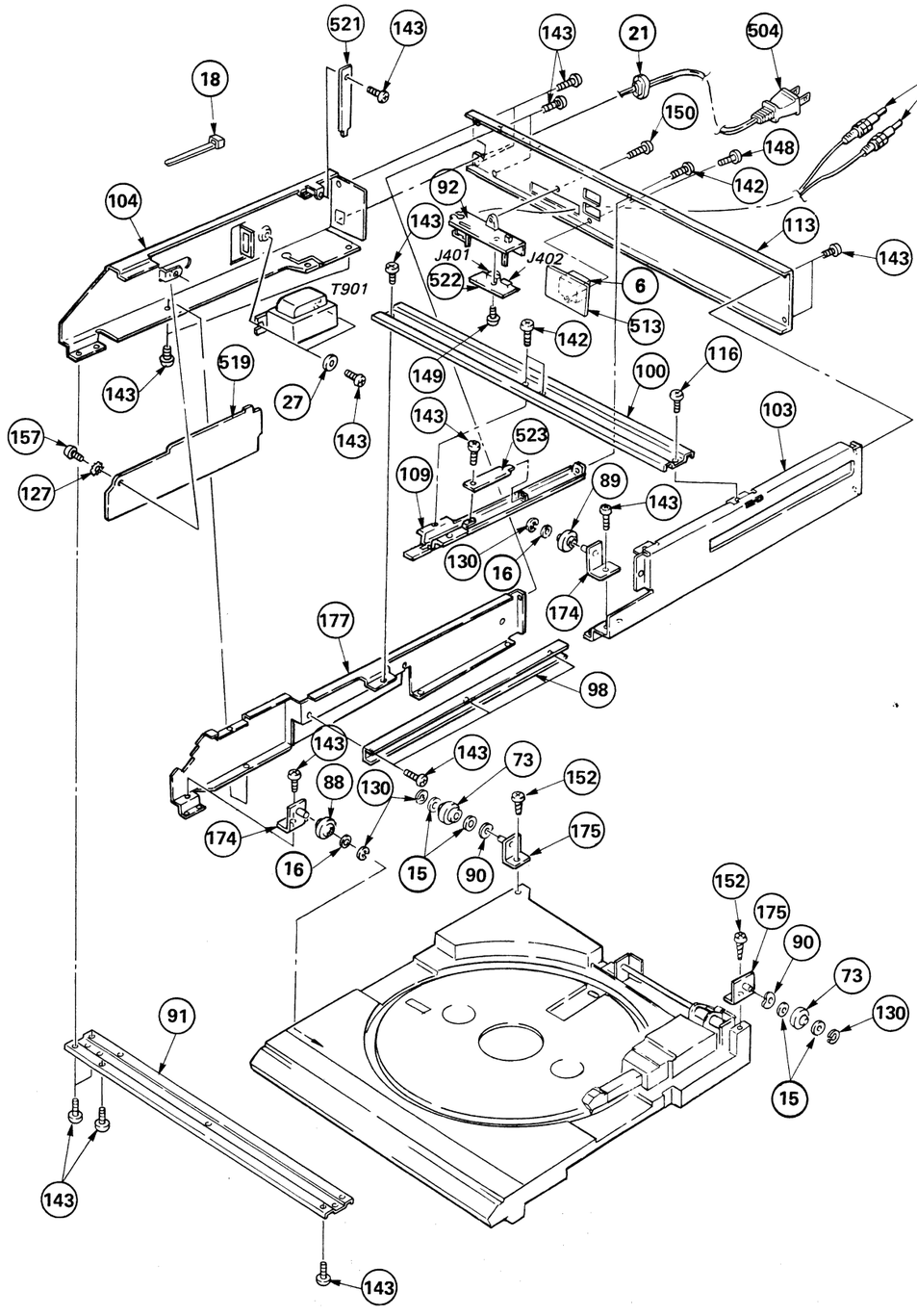
—26—

SECTION 5
EXPLODED VIEWS AND PARTS LIST

(1)

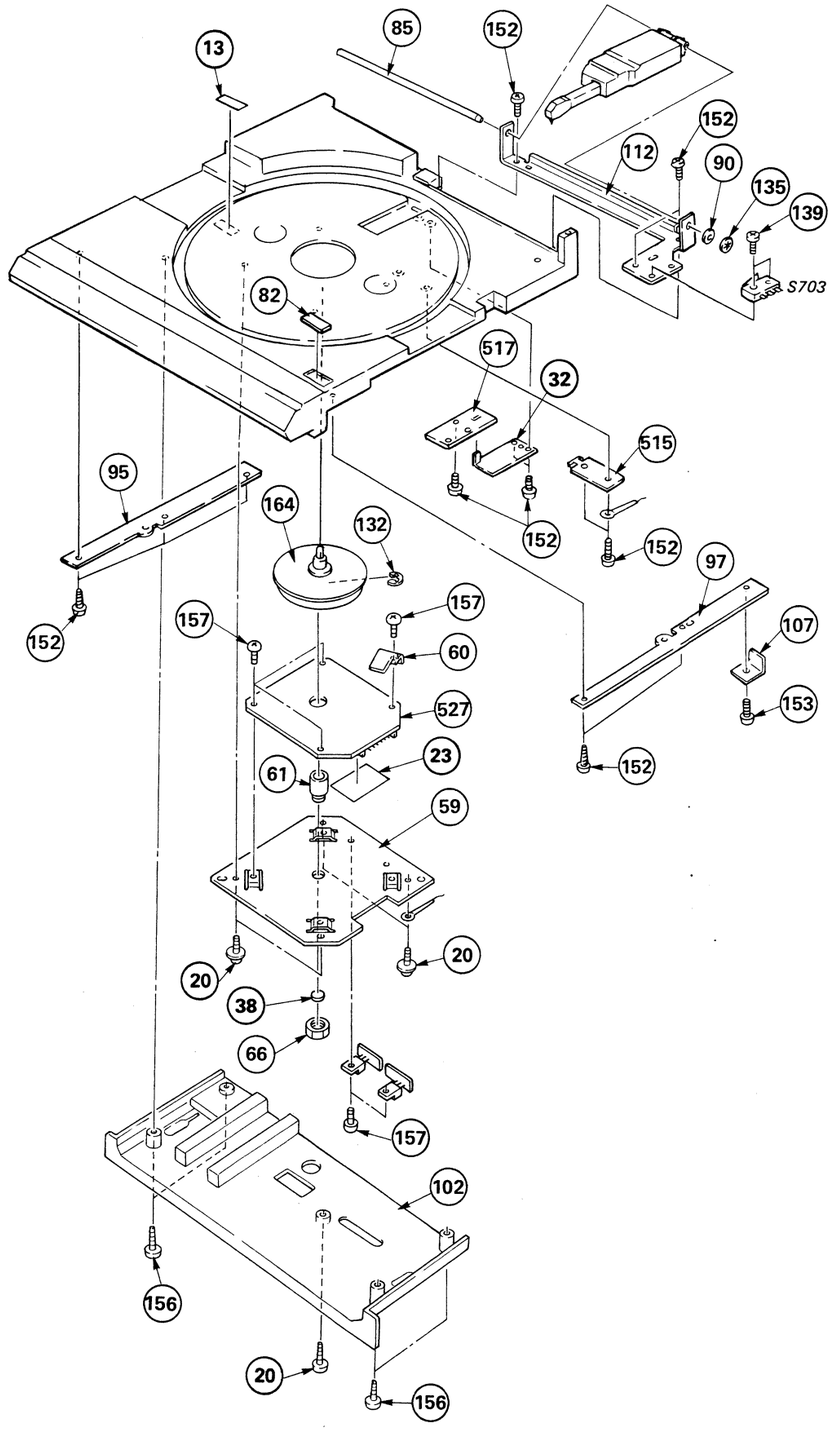


(2)

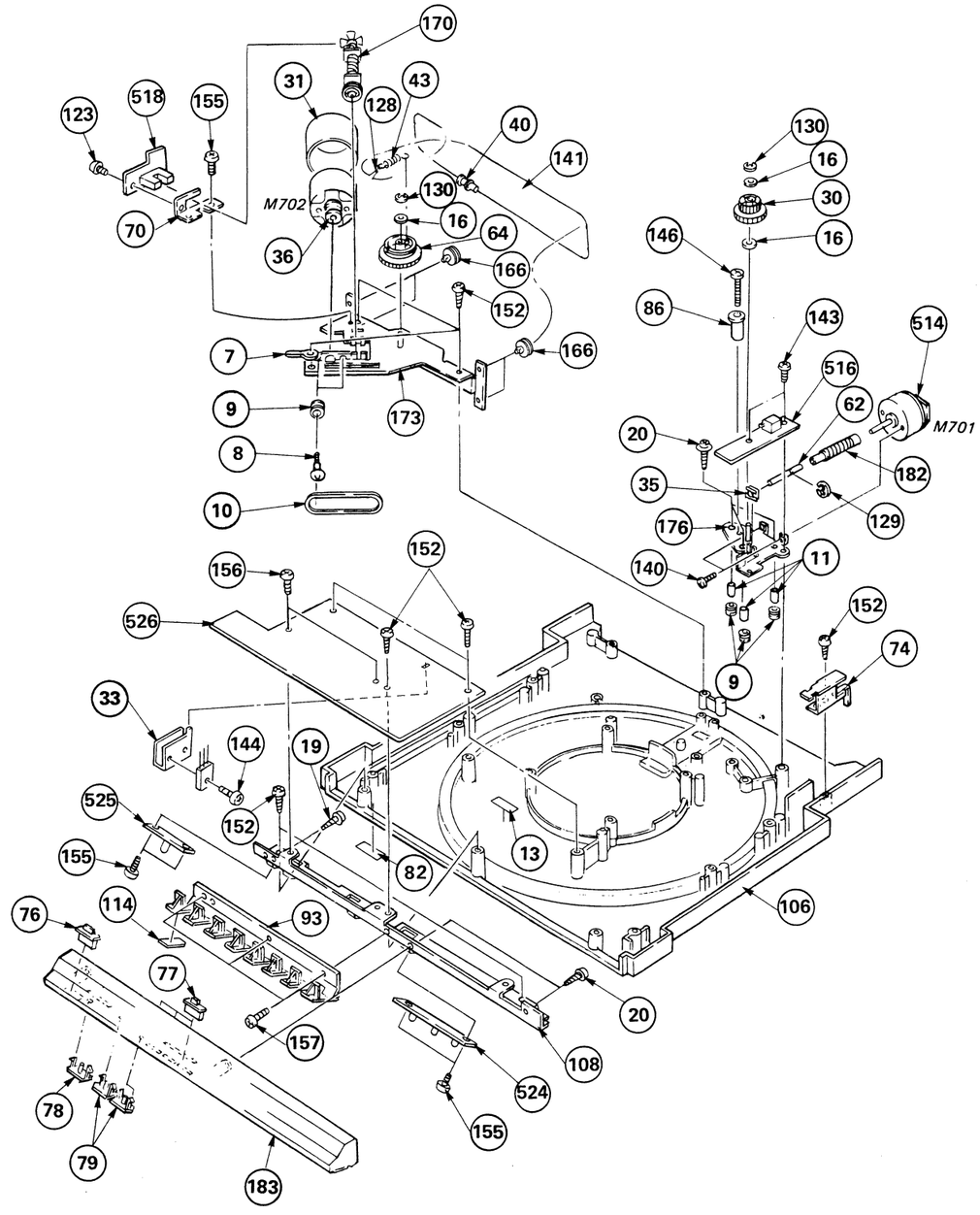


(3)

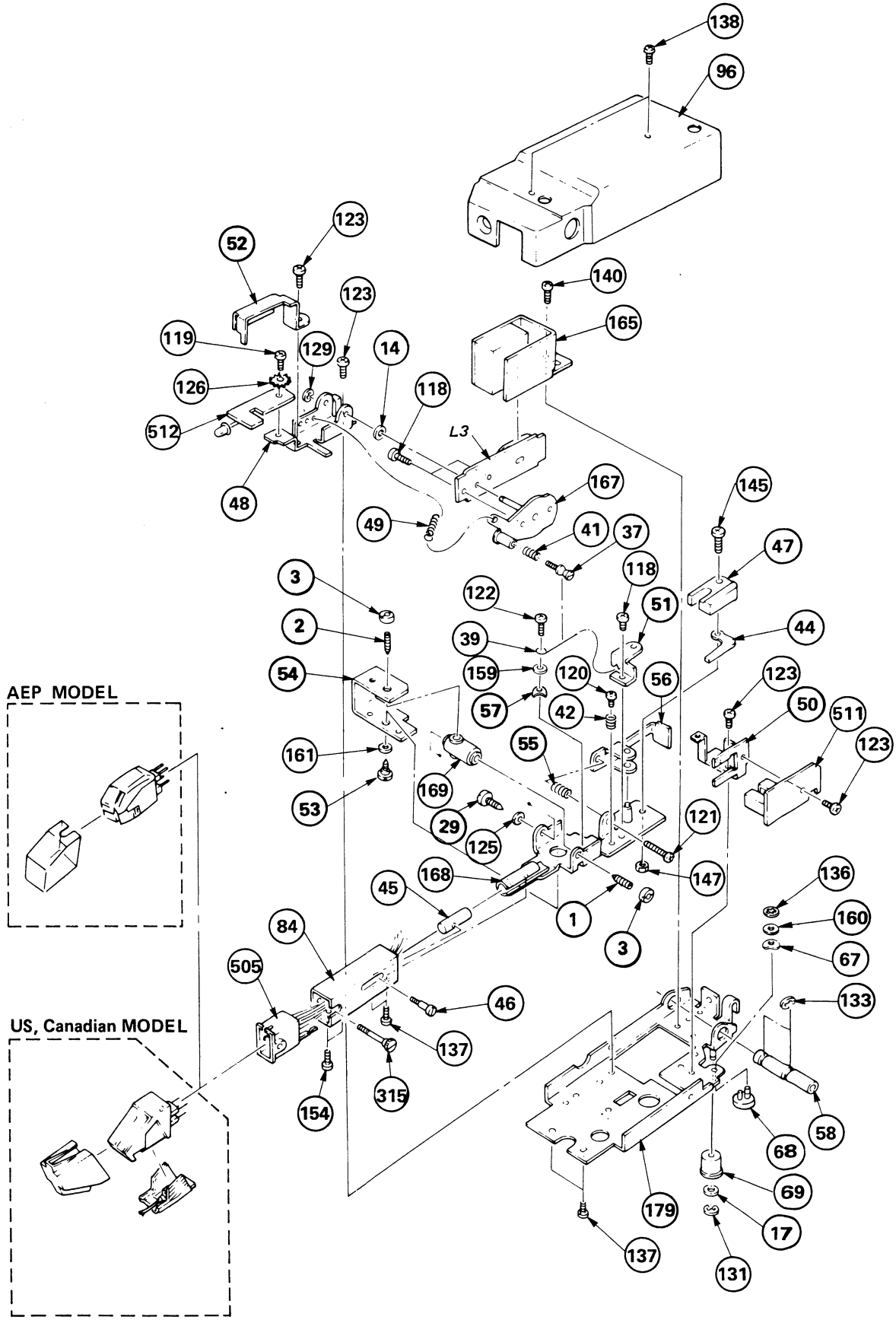
(3)


13
85
152
152
112
90
135
139
S703
82
517
32
515
95
164
132
152
152
97
157
157
107
60
153
527
23
61
59
20
20
38
66
157
102
156
20
156
152

(4)


170
123
518
155
31
43
128
40
141
130
M702
16
64
70
36
166
152
166
7
173
9
8
10
130
16
30
16
146
86
143
514
516
62
M701
20
182
35
129
176
140
11
156
152
526
152
74
9
33
144
19
525
152
155
13
82
106
76
114
93
77
20
157
108
524
78
79
155
183

(5)


138
96
123
52
123
140
165
119
129
14
126
118
512
L3
48
167
145
49
41
37
47
3
118
122
51
2
44
39
54
159
120
56
123
57
42
50
511
AEP MODEL
161
55
123
169
53
29
121
125
168
147
136
45
1
160
84
3
67
505
46
133
US, Canadian MODEL
137
315
154
58
68
69
179
17
137
131

NOTE:
- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The construction parts of an assembled part are indicated with a collation number in the remark column.

The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

GENERAL SECTION

No.	Part No.	Description
1	2-203-518-61	SCREW, PIVOT
2	2-203-518-71	SCREW, PIVOT
3	2-203-519-00	NUT (A), LOCK, PIVOT
4	.....	
5	3-318-911-01	(SILVER)...KNOB (POWER.L), T MOLD
5	3-318-911-11	(BLACK)....KNOB (POWER.L), T MOLD
6	*3-322-818-01	HOLDER, CONNECTOR
7	3-460-077-00	CLAMP, WIRE
8	3-570-027-00	SCREW, MOTOR
9	3-570-118-00	CUSHION, MOTOR
10	3-573-122-00	BELT, TAKE-UP
11	*3-654-058-00	SPACER 3X3
12	*3-657-842-01	SPACER (3X4)
13	*3-701-030-00	LABEL, SERIAL NUMBER
14	3-701-437-21	WASHER
15	3-701-441-11	WASHER
16	3-701-441-21	WASHER
17	3-701-443-11	WASHER
18	*3-701-748-00	CLAMP
19	3-703-136-00	SCREW, +PTPWH 3X12
20	3-703-137-00	SCREW, +PTPWH 3X10
21	⚠ 3-703-571-00	(US).....BUSHING (S)(4516), CORD
21	⚠ 3-703-244-00	(Canadian,AEP)...BUSHING (2104), CORD
22	*3-703-713-01	STICKER, SONY SYMBOL (10)
23	3-831-441-XX	CUSHION (25X15X0.3)
24	3-831-441-XX	CUSHION (B), CABINET
25	*4-301-647-00	WASHER, SPECIAL
26	*4-302-759-00	LABEL, SERIAL NUMBER
27	4-812-554-00	WASHER
28	4-820-330-51	(SILVER)...SCREW, BW, PLUS MINUS
28	4-820-330-61	(BLACK)....SCREW, BW, PLUS MINUS
29	4-877-816-00	SHAFT, PIVOT
30	4-879-514-00	WHEEL (A), WORM
31	*4-882-233-00	CASE, ACOUSTIC ABSORBER
32	*4-885-535-00	SUPPORT, TRANSPORT
33	*4-885-562-11	HEAT SINK
34	4-885-599-11	SCREW, FITTING, REINFORCEMENT
35	*4-885-703-00	GUIDE, WORM SHAFT
36	4-885-704-03	PULLEY, MOTOR
37	4-885-706-04	SCREW, ADJUSTMENT, POSITION
38	4-885-728-00	PACKING
39	4-885-737-00	WIRE
40	4-885-744-00	STOPPER, WIRE
41	4-885-764-02	SPRING, COMPRESSION
42	4-885-766-00	SPRING, COMPRESSION
43	4-885-767-00	SPRING, TENSION

GENERAL SECTION

No.	Part No.	Description
44	4-885-768-00	WEIGHT (2)
45	4-885-770-00	WEIGHT, ADJUSTMENT
46	4-885-771-00	SCREW, ADJUSTMENT
47	4-887-310-00	WEIGHT (A)
48	*4-887-437-01	BASE, LIFTER
49	4-887-439-01	SPRING, TENSION
50	.....	
51	*4-887-444-01	RETAINER, WIRE
52	*4-887-446-01	PLATE, SHIELD
53	4-887-449-01	SHAFT, PIVOT
54	4-887-454-11	BRIDGE, ARM
55	4-887-461-01	SPRING, COMPRESSION
56	*4-887-462-01	PLATE, ADJUSTMENT
57	4-887-463-01	WASHER (B)
58	*4-887-465-01	SLIDER (B)
59	*4-887-472-01	STATOR
60	*4-887-476-01	PLATE, STOPPER
61	*4-887-477-01	BEARING
62	4-888-902-00	SHAFT (A), WORM
63	4-888-959-00	DISK, SLIT
64	4-888-960-00	WHEEL, WORM
65	*4-902-831-01	JOINT (G), KNOB
66	*4-903-330-01	NUT (TMD), BEARING
67	4-904-236-01	SPRING
68	4-905-802-01	CAM, L POSITION ADJUSTMENT
69	4-905-804-01	ROLLER, GUIDE
70	*4-905-805-01	BRACKET (B), SENSOR
71	4-905-806-01	LEVER (B,R), PANEL
72	4-905-807-01	LEVER (B,L), PANEL
73	4-905-811-01	ROLLER (B), GUIDE
74	*4-905-813-01	PLATE
75	*4-905-814-01	BRACKET, POWER SWITCH
76	4-905-820-11	KNOB (A)
77	4-905-820-01	(SILVER)...KNOB (A)
77	4-905-820-21	(BLACK)....KNOB (A)
78	4-905-821-01	(SILVER)...KNOB, SS
78	4-905-821-11	(BLACK)....KNOB, SS
79	4-905-822-01	(SILVER)...KNOB, TRANSPORT
79	4-905-822-11	(BLACK)....KNOB, TRANSPORT
80	4-905-824-01	SPRING, TORSION
81	4-905-824-11	SPRING, TORSION
82	*4-905-827-01	LABEL
83	4-905-832-01	SPRING, TENSION
84	4-905-834-01	PIPE, ARM
85	*4-905-835-01	BAR, GUIDE

GENERAL SECTION

No.	Part No.	Description
86	4-905-837-01	GUIDE, RACK
87	*4-905-838-01	PLATE, FUNCTION, LOADING SWITCH
88	4-905-841-01	ROLLER (A), GUIDE
89	4-905-841-11	ROLLER (A), GUIDE
90	4-905-842-01	WASHER, BENDING
91	*4-905-843-01	REINFORCEMENT (LOWER)
92	4-905-844-01	BOARD, TERMINAL, REMOTE CONTROL
93	4-905-845-01	KNOB (RIGHT), CONTROL
94	4-905-846-01	PANEL, FRONT
95	*4-905-847-01	GUIDE (C)
96	*4-905-848-01	COVER, ARM
97	*4-905-850-01	GUIDE (A)
98	*4-905-851-01	GUIDE (B)
99	4-905-853-01	PLATE, RACK
100	*4-905-854-01	REINFORCEMENT (UPPER)
101	4-905-855-01	TURNTABLE
102	*4-905-857-01	COVER, REAR
103	*4-905-862-01	PLATE (R), SIDE
104	*4-905-863-01	PLATE (L), SIDE
105	*4-905-865-01	PLATE, BOTTOM
106	*4-905-866-01	FRAME
107	*4-905-873-01	PLATE, STOPPER
108	*4-905-875-01	BRACKET, CONTROL PANEL
109	*4-905-877-01	BRACKET, SENSOR
110	4-905-886-01	COLLAR
111	4-905-887-01	WASHER, WAVE
112	*4-905-891-01	BRACKET, GUIDE BAR
113	4-905-892-01	(US,Canadian)...PANEL, BACK
113	*4-905-892-11	(AEP).....PANEL, BACK
114	*4-905-896-01	SPACER, BUTTON
115	4-905-897-01	RETAINER, THRUST
116	4-906-127-01	SCREW (3X4)(G), TAPPING, (+) P
117	7-621-759-35	+PSW, 2.6X5
118	7-621-772-00	SCREW +B 2X3
119	7-621-772-08	SCREW +B 2X3
120	7-621-772-30	SCREW +B 2X6
121	7-621-772-40	SCREW +B 2X8
122	7-621-773-95	SCREW +B 2.6X6
123	7-621-775-00	SCREW +B 2.6X3
124	7-623-207-22	SW 2.6, TYPE 2
125	7-623-208-22	SW 3, TYPE 2
126	7-623-420-07	LW 2, TYPE B
127	7-623-422-07	LW 3, TYPE B
128	7-623-616-01	EYELET, 2X3
129	7-624-102-04	STOP RING 1.5, TYPE -E

GENERAL SECTION

No.	Part No.	Description
130	7-624-106-04	STOP RING 3.0, TYPE -E
131	7-624-108-04	STOP RING 4.0, TYPE -E
132	7-624-133-24	STOP RING 7, TYPE-CE
133	7-624-133-44	STOP RING 9, TYPE-CE
134	7-624-190-11	STOP RING 3, TYPE-CS
135	7-624-190-31	STOP RING 4, TYPE-CS
136	7-624-190-61	STOP RING 2.4, TYPE-CS
137	7-627-553-37	SCREW, PRECISION +P 2X3
138	7-627-553-47	SCREW, PRECISION +P 2X4
139	7-627-553-98	SCREW, PRECISION +P 2X8
140	7-628-253-95	SCREW +PS 2.6X4
141	7-633-120-45	STRING, TETRON DIAL (0.5MM)
142	7-682-545-04	SCREW +B 3X4
143	7-682-546-04	SCREW +BVTT 3X5 (S)
144	7-682-547-09	SCREW +B 3X6
145	7-682-548-09	SCREW +B 3X8
146	7-682-553-04	SCREW +B 3X20
147	7-684-023-04	N 3, TYPE 2
148	7-685-133-14	SCREW +P 2.6X6 TYPE1
149	7-685-133-14	SCREW +P 2.6X6 TYPE2 SLIT
150	7-685-145-14	SCREW +BTP 3X6 TYPE2 N-S
151	7-685-546-14	SCREW +BTP 3X8 TYPE2 N-S
152	7-685-647-71	SCREW +BVTP 3X10 TYPE2 SLIT
153	7-685-648-71	SCREW +BVTP 3X12 TYPE2 SLIT
154	7-685-799-04	SCREW +PTT 1.7X2.5
155	7-685-790-04	SCREW +BVTT 2.6X4 (S)
156	7-685-870-09	SCREW +BVTT 3X5 (S)
157	7-685-871-01	SCREW +BVTT 3X6 (S)
158	7-685-872-09	SCREW +BVTT 3X8 (S)
159	7-688-002-01	W 2.6, SMALL
160	7-688-002-11	W 2.6, MIDDLE
161	7-688-003-01	W 3, SMALL
162	7-688-003-12	W 3, MIDDLE
163	A-4608-291-A	MOTOR ASSY
164	A-4608-312-A	ROTOR ASSY
165	X-4887-415-1	MAGNET ASSY, ARM
166	X-4856-325-0	PULLEY ASSY
167	*X-4887-409-1	LEVER ASSY, LIFTER
168	*X-4887-410-1	JOINT ASSY PIPE
169	X-4887-411-1	BEARING ASSY, PIVOT
170	X-4888-902-4	WORM ASSY
171	*X-4905-801-1	LEVER (A,R) ASSY, PANEL
172	*X-4905-802-1	LEVER (A,L) ASSY, PANEL
173	*X-4905-803-1	BRACKET ASSY, ARM MOTOR
174	*X-4905-804-1	BRACKET (A) ASSY, GUIDE ROLLER

GENERAL SECTION

No.	Part No.	Description
175	*X-4905-805-1	BRACKET (B) ASSY, GUIDE ROLLER
176	*X-4905-806-1	BRACKET ASSY, LOADING GEAR
177	*X-4905-807-1	PLATE (C) ASSY, SIDE
178	*X-4905-808-1	BRACKET (R) ASSY, PANEL LEVER
179	*X-4905-809-1	BASE ASSY, ARM
180	X-4905-813-1	INSULATOR ASSY
181	X-4905-815-1	(SILVER)...CASE, PLAYER
181	X-4905-816-1	(BLACK)....CASE, PLAYER
182	4-888-904-00	WORM (A)
183	X-4905-819-1	(BLACK)....PANEL ASSY, CONTROL
183	X-4905-820-1	(SILVER)...PANEL ASSY, CONTROL

ACCESSORY & PACKING MATERIAL

No.	Part No.	Description
301	1-556-372-41	CORD, CONNECTION (4 CORE)
302	1-557-569-11	CORD, CONNECTION
303	3-565-234-00	BAG, PROTECTION
304	3-610-931-11	SPACER, SHAFT, DRUM, HEAD
305	3-701-616-00	(US).....BAG, POLYETHYLENE
306	3-701-630-00	BAG, POLYETHYLENE
307	3-701-632-00	BAG, POLYETHYLENE
308	3-701-806-00	ADAPTOR, 45, (E)
309	3-703-895-01	(BLACK)....LABEL, COLOR
309	3-703-906-01	(SILVER)...LABEL, COLOR
310	3-760-575-11	(Canadian,AEP)...MANUAL, INSTRUCTION
310	3-760-575-21	(US).....MANUAL, INSTRUCTION
310	3-760-575-41	(AEP).....MANUAL, INSTRUCTION
311	3-795-753-21	(US).....INSTRUCTION
312	4-808-459-91	SCREW (B), MOTOR LOCK
313	4-855-635-00	SHEET, PROTECTION
314	4-880-101-00	PLATE (B), PROTECTION
315	4-887-481-11	SCREW (B), CARTRIDGE FITTING
316	4-905-825-01	PLATE (A), LOCK, TRANSPORT
317	4-905-828-01	PLATE (B), LOCK, TRANSPORT
318	4-905-860-11	SHEET, TURNTABLE
319	4-905-868-01	CUSHION (LEFT)
320	4-905-869-01	CUSHION (RIGHT)
321	4-905-876-01	SCREW, TRANSPORT
322	4-905-878-01	HOLDER, TURN TABLE
323	4-905-879-11	(Canadian,AEP)...LABEL, CAUTION
323	4-905-879-21	(US).....LABEL, CAUTION
324	4-905-880-11	LABEL, CAUTION
325	4-905-881-01	PROTECTOR (SMALL)
326	4-905-894-01	(US,Canadian)...INDIVIDUAL CARTON
326	4-905-895-01	(US,AEP).....INDIVIDUAL CARTON
327	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S

SECTION 6
ELECTRICAL PARTS LIST

NOTE:
- Items marked " ★ " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- If there are two or more same circuitsin a set such as a stereophonic machine, only typical circuit parts may be indicated and capacitors and resistors in other same circuits may be omitted.

CAPACITORS:
MF:μF, PF:μμF.

RESISTORS
- All resistors are in ohms.
- F : nonflammable

COILS
- MMH : mH, UH : μH

SEMICONDUCTORS
In each case, U : μ, for example:
UA...: μA..., UPA...: μPA..., UPC...: μPC, UPD...: μPD...

The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

ELECTRICAL PARTS

Ref.No.	Part No.	Description
501	.....	
502	*1-535-116-00	TERMINAL (3P)
503	1-549-117-00	(US,Canadian)...CARTRIDGE (VL-45G)(S)
503	A-4505-110-A	(AEP)...OVERALL ASSY, CARTRIDGE(XL-300G)
504	⚠1-551-427-11	(AEP).....CORD, POWER, EURO PLUG
504	⚠1-551-506-XX	(US).....CORD, POWER
504	⚠1-551-964-00	(Canadian)...CORD, POWER
505	⚠1-556-552-00	CONNECTOR (PLUG IN TYPE)
506	⚠1-551-294-61	(Canadian,AEP)...CORD (WITH PLUG)
507	*1-564-115-00	PIN, CONNECTOR 6P
508	*1-564-116-00	PIN, CONNECTOR 7P
509	*1-564-496-11	PIN, CONNECTOR 3P
510	*1-564-527-11	PLUG, CONNECTOR 12P
511	*1-612-356-11	PC BOARD, SENSOR
512	*1-612-721-11	PC BOARD, PHONO (B)
513	*1-615-893-11	PC BOARD, SIRCS
514	*1-615-895-11	PC BOARD, DC MOTOR
515	*1-615-896-11	PC BOARD, RELAY
516	*1-615-897-11	PC BOARD, SWITCH
517	*1-615-898-11	PC BOARD, SIZE DETECTION
518	*1-615-899-11	PC BOARD, INTERRUPTER
519	*1-615-900-11	PC BOARD, POWER
520	*1-615-901-11	PC BOARD, POWER SWITCH
521	*1-615-902-11	PC BOARD, POWER TRANSLATION
522	*1-615-903-11	PC BOARD, REMOTE CONTROL
523	*1-615-904-11	PC BOARD, RECORD SENSOR
524	*1-615-982-11	PC BOARD, LED A
525	*1-615-983-11	PC BOARD, LED B
526	*A-4616-020-A	MOUNTED PCB, SYSTEM CONTROL
527	A-4644-247-A	PC BOARD ASSY

C101	1-162-306-31	CERAMIC	0.01MF	30%	16V
C102	1-162-302-31	CERAMIC	0.0022MF	30%	16V
C103	1-123-661-00	ELECT	100MF	20%	6.3V
C104	1-136-165-00	FILM	0.1MF	5%	50V
C105	1-162-211-31	CERAMIC	33PF	5%	50V
C106	1-162-211-31	CERAMIC	33PF	5%	50V
C107	1-162-306-31	CERAMIC	0.01MF	30%	16V
C108	1-162-306-31	CERAMIC	0.01MF	30%	16V
C109	1-162-306-31	CERAMIC	0.01MF	30%	16V
C110	1-136-161-00	FILM	0.047MF	5%	50V
C111	1-136-165-00	FILM	0.1MF	5%	50V
C112	1-136-160-00	FILM	0.039MF	5%	50V
C113	1-123-612-00	ELECT	2.2MF	20%	50V
C114	1-123-612-00	ELECT	2.2MF	20%	50V
C115	1-123-612-00	ELECT	2.2MF	20%	50V

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
C116	1-123-612-00	ELECT	2.2MF	20%	50V
C117	1-162-306-31	CERAMIC	0.01MF	30%	16V
C201	1-161-494-00	CERAMIC	0.022MF	30%	25V
C202	1-123-611-00	ELECT	1MF	20%	50V
C203	1-162-306-31	CERAMIC	0.01MF	30%	16V
C204	1-162-306-31	CERAMIC	0.01MF	30%	16V
C206	1-123-661-00	ELECT	100MF	20%	6.3V
C207	1-123-610-00	ELECT	0.47MF	20%	50V
C208	1-123-610-00	ELECT	0.47MF	20%	50V
C209	1-123-611-00	ELECT	1MF	20%	50V
C210	1-123-611-00	ELECT	1MF	20%	50V
C211	1-162-306-31	CERAMIC	0.01MF	30%	16V
C212	1-123-661-00	ELECT	100MF	20%	6.3V
C213	1-162-306-31	CERAMIC	0.01MF	30%	16V
C222	1-162-306-31	CERAMIC	0.01MF	30%	16V
C223	1-162-306-31	CERAMIC	0.01MF	30%	16V
C224	1-123-617-00	ELECT	10MF	20%	16V
C227	1-123-622-00	ELECT	22MF	20%	16V
C228	1-162-306-31	CERAMIC	0.01MF	30%	16V
C230	1-162-306-31	CERAMIC	0.01MF	30%	16V
C301	1-162-110-00	CERAMIC	0.001MF	10%	50V
C302	1-162-110-00	CERAMIC	0.001MF	10%	50V
C303	1-162-306-31	CERAMIC	0.01MF	30%	16V
C401	1-123-349-00	ELECT	1000MF	20%	25V
C402	1-123-349-00	ELECT	1000MF	20%	25V
C403	1-123-661-00	ELECT	100MF	20%	6.3V
C404	1-123-661-00	ELECT	100MF	20%	6.3V
C405	1-162-294-31	CERAMIC	0.001MF	10%	50V
C406	1-123-619-00	ELECT	4.7MF	20%	50V
C407	1-123-619-00	ELECT	4.7MF	20%	50V
C501	1-162-207-31	CERAMIC	22PF	5%	50V
C502	1-162-213-31	CERAMIC	39PF	5%	50V

CNP007	*1-564-338-00	PIN, CONNECTOR 4P
CNP103	*1-564-727-11	PIN, CONNECTOR (SMALL TYPE)11P
CNP105	*1-564-713-11	PIN, CONNECTOR (SMALL TYPE)11P
D101	8-719-000-12	DIODE MC931
D102	8-719-000-12	DIODE MC931
D201	8-719-911-19	DIODE 1SS119
D202	8-719-911-19	DIODE 1SS119
D204	8-719-101-63	DIODE RD6.8E-L1
D205	8-719-101-63	DIODE RD6.8E-L1
D301	8-719-913-49	DIODE EBG5638S
D303	8-719-913-47	DIODE EAA5638S
D304	8-719-913-47	DIODE EAA5638S
D305	8-719-913-47	DIODE EAA5638S

ELECTRICAL PARTS

Ref.No.	Part No.	Description
D401	⚠8-719-200-02	DIODE 10E-2
D402	⚠8-719-200-02	DIODE 10E-2
D403	⚠8-719-200-02	DIODE 10E-2
D404	⚠8-719-200-02	DIODE 10E-2
D405	8-719-911-19	DIODE 1SS119
D408	8-719-101-67	DIODE RD7.5E-L2
D409	8-719-101-67	DIODE RD7.5E-L2
D410	8-719-911-19	DIODE 1SS119
D501	8-719-911-19	DIODE 1SS119
D601	8-719-913-48	DIODE PR5628S
D602	8-719-913-48	DIODE PR5628S
D701	8-719-900-57	DIODE GL-5HY5
H101	8-719-920-37	ELEMENT, HALL HW-300B
H102	8-719-920-37	ELEMENT, HALL HW-300B
IC101	8-759-201-58	IC TC9142P
IC102	8-759-600-02	IC M5218L
IC201	8-759-802-00	IC LM6402G-575
IC202	8-759-202-01	IC TA7256P
IC203	8-759-600-02	IC M5218L
J401	1-507-813-00	JACK (SYNCRO REMOTE)
J402	*1-560-317-00	CONNECTOR PIN 6P (REMOTE CONTROL)
J501	*1-560-039-00	PIN, CONNECTOR (REMOTE IN)
J502	*1-560-039-00	PIN, CONNECTOR (REMOTE OUT)
L3	1-422-162-11	COIL (ARM UP/DOWN)
L201	1-410-033-21	MICRO INDUCTOR 100UH
M701	1-541-163-00	MOTOR (LOADING)
M702	1-541-163-00	MOTOR (ARM DRIVE)
PH701	8-719-411-28	DIODE ON1128
PH702	8-719-918-74	DIODE GP-1S04
PS409	⚠1-532-605-00	LINK, IC
PS410	⚠1-532-605-00	LINK, IC
Q101	8-729-400-81	TRANSISTOR 2SD1266-Q
Q102	8-729-802-34	TRANSISTOR 2SD1388
Q103	8-729-802-34	TRANSISTOR 2SD1388
Q104	8-729-802-34	TRANSISTOR 2SD1388
Q105	8-729-802-34	TRANSISTOR 2SD1388
Q106	8-729-802-22	TRANSISTOR 2SB1014
Q107	8-729-802-22	TRANSISTOR 2SB1014
Q108	8-729-802-22	TRANSISTOR 2SB1014
Q109	8-729-802-22	TRANSISTOR 2SB1014
Q110	8-729-606-33	TRANSISTOR 2SC2603-F
Q111	8-729-606-33	TRANSISTOR 2SC2603-F
Q112	8-729-606-33	TRANSISTOR 2SC2603-F
Q113	8-729-606-33	TRANSISTOR 2SC2603-F

ELECTRICAL PARTS

Ref.No.	Part No.	Description
Q114	8-729-606-33	TRANSISTOR 2SC2603-F
Q117	8-729-606-33	TRANSISTOR 2SC2603-F
Q201	8-729-606-33	TRANSISTOR 2SC2603-F
Q204	8-729-900-63	TRANSISTOR DTA124ES
Q205	8-729-900-80	TRANSISTOR DTC114ES
Q206	8-729-900-80	TRANSISTOR DTC114ES
Q207	8-729-606-33	TRANSISTOR 2SC2603-F
Q208	8-729-606-33	TRANSISTOR 2SC2603-F
Q209	8-729-900-80	TRANSISTOR DTC114ES
Q210	8-729-606-33	TRANSISTOR 2SC2603-F
Q211	8-729-900-36	TRANSISTOR DTC124ES
Q212	8-729-141-42	TRANSISTOR 2SD414-R
Q301	8-729-101-01	TRANSISTOR PH101
Q302	8-729-101-01	TRANSISTOR PH101
Q401	8-729-141-42	TRANSISTOR 2SD414-R
Q402	8-729-400-10	TRANSISTOR 2SB941-R
Q403	8-729-900-36	TRANSISTOR DTC124ES
Q404	8-729-606-33	TRANSISTOR 2SC2603-F
Q405	8-729-117-54	TRANSISTOR 2SA1175
Q501	8-729-900-38	TRANSISTOR DTA114EF

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Les composants identifiés par une trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
R101	1-247-879-00	CARBON	100K	5%	1/6W
R102	1-247-807-00	CARBON	100	5%	1/6W
R105	1-249-421-11	CARBON	2.2K	5%	1/6W
R106	1-247-893-00	CARBON	390K	5%	1/6W
R107	1-247-893-00	CARBON	390K	5%	1/6W
R108	1-247-887-00	CARBON	220K	5%	1/6W
R109	1-247-871-00	CARBON	47K	5%	1/6W
R110	1-247-863-00	CARBON	22K	5%	1/6W
R111	1-247-825-00	CARBON	560	5%	1/6W
R112	1-247-835-00	CARBON	1.5K	5%	1/6W
R113	1-247-825-00	CARBON	560	5%	1/6W
R114	1-247-807-00	CARBON	100	5%	1/6W
R116	1-247-831-00	CARBON	1K	5%	1/6W
R117	1-247-831-00	CARBON	1K	5%	1/6W
R118	1-247-831-00	CARBON	1K	5%	1/6W
R119	1-247-831-00	CARBON	1K	5%	1/6W
R120	1-247-815-00	CARBON	220	5%	1/6W
R121	1-247-815-00	CARBON	220	5%	1/6W
R122	1-247-815-00	CARBON	220	5%	1/6W
R123	1-247-815-00	CARBON	220	5%	1/6W
R124	1-247-815-00	CARBON	220	5%	1/6W
R125	1-247-815-00	CARBON	220	5%	1/6W
R126	1-247-815-00	CARBON	220	5%	1/6W
R127	1-247-815-00	CARBON	220	5%	1/6W
R128	1-247-815-00	CARBON	220	5%	1/6W
R129	1-247-823-00	CARBON	470	5%	1/6W
R130	1-247-823-00	CARBON	470	5%	1/6W
R131	1-247-783-00	CARBON	10	5%	1/6W
R132	1-247-845-00	CARBON	3.9K	5%	1/6W
R201	1-247-863-00	CARBON	22K	5%	1/6W
R202	1-247-863-00	CARBON	22K	5%	1/6W
R203	1-247-855-00	CARBON	10K	5%	1/6W
R204	1-249-421-11	CARBON	2.2K	5%	1/6W
R212	1-247-813-00	CARBON	180	5%	1/6W
R214	1-247-821-00	CARBON	390	5%	1/6W
R215	1-247-821-00	CARBON	390	5%	1/6W
R216	1-247-821-00	CARBON	390	5%	1/6W
R217	1-247-807-00	CARBON	100	5%	1/6W
R220	1-247-863-00	CARBON	22K	5%	1/6W
R221	1-247-863-00	CARBON	22K	5%	1/6W
R222	1-247-847-00	CARBON	4.7K	5%	1/6W
R223	1-247-847-00	CARBON	4.7K	5%	1/6W
R224	1-247-863-00	CARBON	22K	5%	1/6W
R225	1-247-863-00	CARBON	22K	5%	1/6W
R226	1-247-861-00	CARBON	18K	5%	1/6W
R227	1-247-861-00	CARBON	18K	5%	1/6W
R228	1-247-851-00	CARBON	6.8K	5%	1/6W
R229	1-247-807-00	CARBON	100	5%	1/6W

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
R230	1-247-863-00	CARBON	22K	5%	1/6W
R231	1-247-863-00	CARBON	22K	5%	1/6W
R232	1-247-863-00	CARBON	22K	5%	1/6W
R233	1-247-863-00	CARBON	22K	5%	1/6W
R234	1-247-863-00	CARBON	22K	5%	1/6W
R235	1-247-863-00	CARBON	22K	5%	1/6W
R236	1-247-863-00	CARBON	22K	5%	1/6W
R237	1-247-847-00	CARBON	4.7K	5%	1/6W
R238	1-247-879-00	CARBON	100K	5%	1/6W
R239	1-247-855-00	CARBON	10K	5%	1/6W
R240	1-247-863-00	CARBON	22K	5%	1/6W
R241	1-247-855-00	CARBON	10K	5%	1/6W
R242	1-247-855-00	CARBON	10K	5%	1/6W
R243	1-247-855-00	CARBON	10K	5%	1/6W
R244	1-247-855-00	CARBON	10K	5%	1/6W
R245	1-247-855-00	CARBON	10K	5%	1/6W
R246	1-247-855-00	CARBON	10K	5%	1/6W
R247	1-247-891-00	CARBON	330K	5%	1/6W
R248	1-247-889-00	CARBON	270K	5%	1/6W
R249	1-247-891-00	CARBON	330K	5%	1/6W
R250	1-247-889-00	CARBON	270K	5%	1/6W
R251	1-247-879-00	CARBON	100K	5%	1/6W
R252	1-247-877-00	CARBON	82K	5%	1/6W
R253	1-247-855-00	CARBON	10K	5%	1/6W
R254	1-247-855-00	CARBON	10K	5%	1/6W
R255	1-247-855-00	CARBON	10K	5%	1/6W
R256	1-247-855-00	CARBON	10K	5%	1/6W
R257	1-247-867-00	CARBON	33K	5%	1/6W
R258	1-247-887-00	CARBON	220K	5%	1/6W
R259	1-247-867-00	CARBON	33K	5%	1/6W
R260	1-247-879-00	CARBON	100K	5%	1/6W
R261	1-247-887-00	CARBON	220K	5%	1/6W
R262	1-247-769-00	CARBON	2.7	5%	1/6W
R263	1-247-769-00	CARBON	2.7	5%	1/6W
R264	1-247-815-00	CARBON	220	5%	1/6W
R265	1-247-847-00	CARBON	4.7K	5%	1/6W
R266	1-247-892-00	CARBON	360K	5%	1/6W
R267	1-247-859-00	CARBON	15K	5%	1/6W
R268	1-247-855-00	CARBON	10K	5%	1/6W
R269	1-247-879-00	CARBON	100K	5%	1/6W
R270	1-247-849-00	CARBON	5.6K	5%	1/6W
R271	1-247-819-00	CARBON	330	5%	1/6W
R272	1-247-867-00	CARBON	33K	5%	1/6W
R273	1-247-855-00	CARBON	10K	5%	1/6W
R274	1-247-855-00	CARBON	10K	5%	1/6W
R275	1-247-855-00	CARBON	10K	5%	1/6W

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
R276	1-247-775-00	CARBON	4.7	5%	1/6W
R278	1-247-881-00	CARBON	120K	5%	1/6W
R279	1-247-819-00	CARBON	330	5%	1/6W
R280	1-247-817-00	CARBON	270	5%	1/6W
R281	1-247-879-00	CARBON	100K	5%	1/6W
R282	1-247-879-00	CARBON	100K	5%	1/6W
R283	1-247-879-00	CARBON	100K	5%	1/6W
R284	1-247-879-00	CARBON	100K	5%	1/6W
R285	1-247-879-00	CARBON	100K	5%	1/6W
R286	1-247-879-00	CARBON	100K	5%	1/6W
R287	1-247-801-00	CARBON	56	5%	1/6W
R288	1-247-801-00	CARBON	56	5%	1/6W
R289	1-247-879-00	CARBON	100K	5%	1/6W
R290	1-247-188-00	CARBON	4.7	5%	1/2W
R291	1-247-887-00	CARBON	220K	5%	1/6W
R402	1-247-813-00	CARBON	180	5%	1/6W
R403	1-247-863-00	CARBON	22K	5%	1/6W
R404	1-247-836-00	CARBON	1.6K	5%	1/6W
R405	1-247-811-00	CARBON	150	5%	1/6W
R406	1-247-837-00	CARBON	1.8K	5%	1/6W
R407	1-247-811-00	CARBON	150	5%	1/6W
R501	1-247-903-00	CARBON	1M	5%	1/6W
R502	1-247-857-00	CARBON	12K	5%	1/6W
R505	1-247-861-00	CARBON	18K	5%	1/6W
R506	1-247-807-00	CARBON	100	5%	1/6W
R507	1-247-783-00	CARBON	10	5%	1/6W
RY201	1-515-519-00	RELAY			
S201	1-554-088-00	SWITCH, KEY BOARD (OPEN/CLOSE)			
S202	1-554-088-00	SWITCH, KEY BOARD (START/STOPE)			
S203	1-554-088-00	SWITCH, KEY BOARD (BACK)			
S204	1-554-088-00	SWITCH, KEY BOARD (FWD)			
S205	1-554-088-00	SWITCH, KEY BOARD (ARM LIFER)			
S206	1-554-088-00	SWITCH, KEY BOARD (REPEAT)			
S207	1-554-088-00	SWITCH, KEY BOARD (SPEED)			
S401 ⚠	1-552-928-00	SWITCH (POWER)			
S701	1-554-205-00	SWITCH, PUSH (OPEN)			
S702	1-554-205-00	SWITCH, PUSE (CLOSE)			
S703	1-554-921-11	SWITCH, MICRO (ARM RESET)			
T901 ⚠	1-447-811-11	(US,Canadian)...TRANSFORMER, POWER			
T901 ⚠	1-447-812-11	(AEP).....TRANSFORMER, POWER			
X101	1-527-380-21	CRYSTAL, OSC			
X501	1-567-192-11	OSCILLATOR, CERAMIC			

The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

English
85F0468-1
Printed in Japan
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